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1981
ANNUAL REPORT

WYOMING
GAME & FISH
DEPARTMENT

BEST AVAILABLE COPY

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Game and Fish Department

CHEYENNE, WYOMING 82002

EARL M. THOMAS
DIRECTOR

August 1, 1981

Honorable Ed Herschler
Governor, State of Wyoming
Capitol Building
Cheyenne, Wyoming 82002

Dear Governor Herschler:

In accordance with Section 23-1-503 of the Wyoming statutes, it is my pleasure to submit to you the Annual Report on Wyoming Game and Fish Department activities for fiscal year 1981. This report was prepared by Department personnel at tne direction of the Commission and covers the period July 1, 1980 through June 30, 1981.

The Report contains a resume' of official transactions, audit reports and status of Wyoming's wildlife. It is intended to assist you personally in evaluating Wyoming's wildlife programs and the Commission's administration of them.

We hope the Report will be used as an interesting, informative document to aid legislators, sportsmen, community leaders and general citizens who wish to use it for any analysis of our efforts in the protection and management of Wyoming's priceless and incomparable wildlife resources.

Respectfully submitted,

John M Anselmi

John Anselmi, President
Wyoming Game and Fish Commission

JA:ag

1981 ANNUAL REPORT

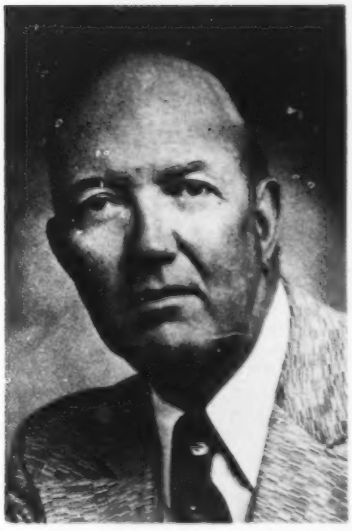
Wyoming Game and Fish Department

THE COMMISSION....

Ed Herschler
Governor of Wyoming

John Anselmi, Rock Springs
Commission President
Attorney
Represents Sweetwater,
Carbon and Albany Counties

Mrs. Frances Osborn,
Cheyenne
Commission Vice President
Realtor
Represents Platte, Goshen
and Laramie Counties



Verne F. Barton, Jr.,
Newcastle
Rancher
Represents Crook,
Weston and Niobrara
Counties

Mrs. Alice Hayes,
Thermopolis
Rancher
Represents Hot Springs,
Washakie, Big Horn and
Park Counties

Dennis Daly, Douglas
Rancher
Represents Converse,
Natrona and Fremont
Counties

Jean Harriet, Buffalo
Rancher
Represents Johnson, Campbell
and Sheridan Counties

Edward P. Moriarity, Jackson
Attorney
Represents Teton, Sublette,
Lincoln and Uinta Counties

DIRECTORY

GAME DIVISION

Pete Petera, *Assistant Chief Game Warden*

DISTRICT NO. 1: *Jackson*—Tom Toman, *Supervisor;* Doug Crawford, Joy Smith, Garvice Roby, Earl Basye, Scott Norelius, Ernie Wampler, Fred Herbel; *Pinedale*—Dennis Almquist, James Straley, Dean Rich, Duane Early, Sherri Evans; *Big Piney*—Bruce Johnson, Chuck Thornton, Dallas Jenkins; *Afton*—Duane Hyde; *Etna*—Ron Dean; *Smoot*—Dave Lockman.

DISTRICT NO. 2: *Cody*—Terry Killough, *Supervisor;* Dave Bragonier, Jim Yorgason, Bonney Wantulok, Tim Fagan, Jim Oudin, Larry Roop; *Lovell*—Jay Lawson; *Powell*—Mac Black; *Thermopolis*—Frank Baggs, Calvin King; *Greybull*—Gregg Arthur, Elaine Raper; *Meeteetse*—Jim Lawrence; *Tensleep*—John Hyde; *Worland*—Cole Thompson.

DISTRICT NO. 3: *Sheridan,* Gary Shorma, *Supervisor;* Vern Stelter, Robert Williams, Roger Wilson, Terry Cram, Chuck Repsis, Lynn Steveson; *Buffalo*—Ray Arzy, John Schneidmiller; *Gillette*—Lin Bashford, Rick Pallister, Walt Gasson; *Moorcroft*—Sid Clark; *Dayton*—Bob Peterson; *Kaycee*—Bill Backer.

DISTRICT NO. 4: *Green River*—Phil Riddle, *Supervisor;* George Carson, James Bradley, James June, Don Roy, Duane Kerr, Evaline Valencia; *Rock Springs*—Allen Round; *Kemmerer*—Chuck Oakley, *Frontier*—Kevin Jones; *Cokeville*—Bob Ferguson; *Evanston*—Bill Courtney; *Baggs*—Randy Johnson, Dave Moody.

DISTRICT NO. 5: *Laramie*—Dave Mobley, *Supervisor;* John Newman, Jim Johnston, Joe Bohne, Bill Haley, Bob Sexton, John Demaree, Lee Ann Thompson; *Cheyenne*—Barry Floyd, Bill Kozas; *Wheatland*—Chuck Ward, Reg Rothwell; *Medicine Bow*—Dave Leffler; *Torrington*—Ed Burns, *Saratoga*—Gary Brown.

DISTRICT NO. 6: *Lander*—Bill Eversole, *Supervisor;* Marvin Hockley, Sharon Mikol, John Emmerich, Shirley Smith, Ken Persson; *Dubois*—Kay Bowles; *Hudson*—Ron Iverson; *Rawlins*—Gary Good, Dennis Smith; *Riverton*—Tim Britt; *Jeffrey City*—Kent Schmidlin; *Sinclair*—Greg Hiatt.

DISTRICT NO. 7: *Casper*—Terry Cleveland, *Supervisor;* Dave Avey, Walt Bond, Larry Pate, Margaret Boehler, Cliff Stevens, Tom Varcalli; *Douglas*—Bob Trebelcock, Russ Pollard; *Lusk*—John Talbott, Bill Helms; *Newcastle*—Les Donahue, Joe Nemick; *Sundance*—Dale Daniels.

WARDEN TRAINEES: Craig Sax, Neil Hymas, Bob Hede.

BIRD FARMS: *Sheridan*—Bud Campbell, *Superintendent;* Farrel Johns, Fred Adsit; *Yoder (Downar Bird Farm)*—Garland Potts, *Superintendent;* Steve Schafer.

WATERFOWL: *Torrington*—George Wrakestraw, *Supervisor; Lingle*—Dick Saul; *Lander*—Leonard Serdiuk, Bob Oakleaf.

WATERCRAFT: *Cheyenne*—Steve Smith.

BIOLOGICAL SERVICES: Dale Strickland, *Supervisor;* Harry Harju, *Staff Biologist;* Robin Vinzant, Secretary.

SECRETARIES: Gloria Vigil, Margie Pepper.

FISH DIVISION

Steve Facciani, *Assistant Chief Fish Warden*

DISTRICT NO. 1: Dubois—Jack Conley, *Supervisor.*

AUBURN HATCHERY: Ralph Bonner, *Superintendent;* Dave Ackerman, *Ass't. Superintendent;* Warren Mischke.

BOULDER REARING STATION: Leo McCreery, *Superintendent;* Miles Bennet, *Ass't Superintendent;* Doug Slames.

COMO BLUFF HATCHERY: Arthur Tanner, *Superintendent;* Wayne Fornstrom, *Ass't Superintendent,* Wayne Manore.

DANIEL HATCHERY: Orville Landen, *Superintendent;* Norman Presgrove, *Ass't Superintendent,* Art Viola.

DUBOIS HATCHERY: Richard Cheeney, *Superintendent,* Larry Burgess, *Ass't Superintendent;* Steve Gnagy.

SPAWNING AND DISTRIBUTION: *Pinedale*—Charles Raper; *Dubois*—John Burns.

HEAVY EQUIPMENT OPERATOR: *Dubois*—Gerald Hilbird.

DISTRICT NO. 2: Story—Ralph C. Garbutt, *Supervisor.*

CLARKS FORK HATCHERY: Don Terry, *Superintendent;* Paul Worst, *Ass't Superintendent,* Gerald Linsdau, Lee McDonald, Ray Messamer.

DAN SPEAS REARING STATION: John Turner, *Superintendent;* David Miller, *Ass't Superintendent;* Steve Sharon, Thomas Condon, Jerry Hulse.

STORY HATCHERY: Ben Roman, *Superintendent;* Paul Kretschmar, *Ass't Superintendent.*

TENSLEEP HATCHERY: John Eschrich, *Superintendent;* Howard Hehnke, *Ass't Superintendent;* William Grobe.

TILLETT SPRINGS REARING STATION: Eugene Hoiten, *Superintendent;* Joe Satake, *Ass't Superintendent.*

WIGWAM REARING STATION: Don Peterson, *Superintendent;* John Murphy, *Ass't Superintendent;* Richard Metz, Greg Brunjak.

SPAWNING & DISTRIBUTION: *Story*—Carl Walker, Gerald Legerski.

SECRETARY: *Cheyenne*—Josephine Plemel.

Fishery Field and Research Operations

FISHERIES MANAGEMENT: *Cheyenne*—John Baughman, *Supervisor.*

MANAGEMENT AREA NO. 1: *Jackson*—Jon Erickson, *Area Fisheries Supervisor;* John Kiefling, Ralph Hudelson.

MANAGEMENT AREA NO. 2: *Lander*—Charles Viox, Jr., *Area Fisheries Supervisor;* Kerry Connell.

MANAGEMENT AREA NO. 2A: *Cody*—Louis Pechacek, *Area Fisheries Supervisor;* Ron Xent, Steve Yekel.

MANAGEMENT AREA NO. 3: *Buffalo*—John W. Mueller, *Area Fisheries Supervisor;* Louis Rockett, William Wichers.

MANAGEMENT AREA NO. 4: *Pinedale*—Glen Dunning, *Area Fisheries Supervisor;* Jim Kurtz, Ronald Remmick.

MANAGEMENT AREA NO. 4A: *Green River*—Dave Dufek, *Area Fisheries Supervisor;* William Wengert, Mike Snigg.

MANAGEMENT AREA NO. 5: *Laramie*—Don D. Miller, *Area Fisheries Supervisor;* Mel Oberholtzer, Robert McDowell.

MANAGEMENT AREA NO. 5A: *Casper*—Lawrence W. Peterson, *Area Fisheries Supervisor;* Jack McMillan, Ron McKnight.

ECOLOGICAL SERVICES: *Cheyenne*—Mike Stone, *Supervisor.*

PROJECT BIOLOGISTS: Allen Conder, Tim Fannin.

FISHERIES RESEARCH: *Laramie*—Bob Wiley, *Supervisor.*

WATER QUALITY CONTROL SUPERVISOR: *Lander*—Robert Millis, Don Pedlar.

RESERVOIR RESEARCH BIOLOGISTS: *Casper*—Roy Whaley, Mark Fowden.

HABITAT BIOLOGIST: *Lander*—Allen Binns, Robert Pistono.

FISHERIES POPULATION BIOLOGIST: *Laramie*—Steve Yundt.

SECRETARY: Anita Karl.

RESEARCH AND DEVELOPMENT DIVISION

Webster B. Jones, *Assistant Chief*

Lands Administration

Cheyenne—Land Specialist, Art Reese, *Assistant;* Dave Hunt.

Engineering

Cheyenne—Jon Ogden, *Chief;* Bill Armstrong, Assistant; Steve Pechacek, Martin Egan, Dick Smith, David Hinds.

Habitat Management

Don A. Johnson, *Supervisor,* Cheyenne

HABITAT BIOLOGISTS: *Casper*—Bill Gerhart, *Lander*—Richard Olson.

REGION NO. 1: *Riverton*—Ken Asay, Manager; Gary Thayer, Bert Jellison.

REGION NO. 2: *Lovell*—Bob Gurney, Manager; , Bob Yates, John Straw, Don Schulthess, Lewis Stahl.

REGION NO. 3: *Yoder*—Lloyd Harrison, Manager; *Huntley*—Bob Luce; *Yoder*—Steve Kilpatrick, Gary Amrine.

REGION NO. 4: *Dubois*—Gary Butler, Manager; *Jackson*—Chuck Clarke; *Fontenelle*—Jerry Radzay.

CONSTRUCTION: *Lander*—Bob Engstrom, *Superintendent;* Ed Novotny, Foreman.

Technical Research

William G. Hepworth, *Director,* Laramie

SYBILLE GAME RESEARCH UNIT: *Wheatland*– Huey Dawson, *Director;* Carl Engstrom, Brad Meyer.

WILDLIFE RESEARCH LABORATORY: *Laramie*—Douglas L. Mitchum, *Supervisor;* E. Tom Thorne, D.V.M., *Research Veterinarian,* Tom Moore, Loris Sherman, Tonja Walthall.

SECRETARY: *Laramie*—Jean Valdez.

SECRETARIES: *Cheyenne*—Kathy Sterman, Anna Barker.

OFFICE AND FISCAL DIVISION

Ed Furman, *Assistant Fiscal Officer*

LICENSES: John Rinehart, *Manager;* Dorothy Pruter, *Assistant Manager;* Virginia Groth, Carl D. Rusk, Kathleen Kuno, Anne Port, Rose Palmer, Dale Critchfield, Trudy Brabetz, Dawnetta Terrill, Carolyn Smith, Mary Montgomery.

ACCOUNTING: Larry Gabriele, *Administrative Accountant;* Sheila Clark, Sue Hollings, Dawne Winchester, Hope Weydeveld, Eileen Lee, Gladys Breed, Rosemary Woodward, Diane Haynes.

PURCHASING: Ted Hassinger, *Purchasing Agent;* Dean Jeffries, Renee Turnbaugh.

SECRETARY: Debra Asscherick.

MAIL CLERK: Nelle Ramey.

ADMINISTRATIVE DIVISION

SPECIAL ASSISTANT ATTORNEY GENERAL: Thomas C. Bogus.

INTER-AGENCY: Ted C. Baker, *Coordinator;* Betty McBee, *Assistant Federal Aid.*

PROJECT MANAGER: Ray Guthridge, Dan Moffitt

DEPARTMENT PLANNERS: Doug Crowe, *Coordinator;* Lee Rayburn, Dave Rippe.

ENVIRONMENTAL SPECIALIST: Bruce Marker.

PERSONNEL OFFICER: George Padget.

SECRETARIES: Sharon Wallace, Lore Roberts, Alta Griffin, Patty Moe, Myrna Rankin, Jo Bliss.

Communications Division

EDUCATION: Joe Vogler, Jake Hohl, Steve Leggans, Marie Wilson; Kay Carson.

WYOMING WILDLIFE Magazine; Duane Muchmore, Bernie Kuntz, LuRay Parker, Helen McCracken, Jean Hill, Sandra Cline.

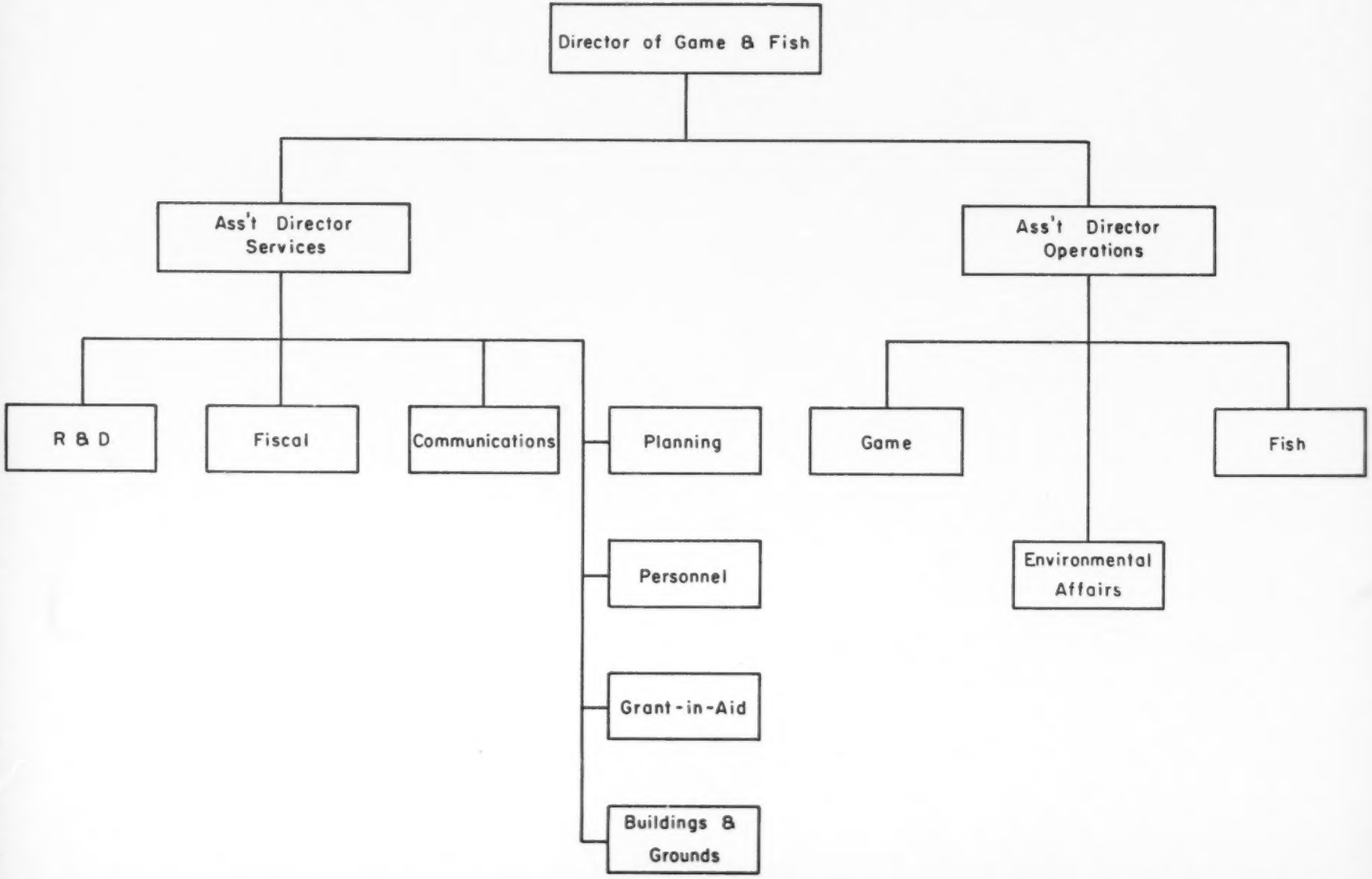
PUBLIC INFORMATION: Bill Brown, Al Langston, Sandy Stokes, Diane Magill, Merritt Benson.

DISTRICT INFORMATION SPECIALIST: Don Miller, *Sheridan.*

SPECIAL PUBLICATIONS: Neal Blair, Judy Hosafros.

CINEMATOGRAPHER: Bob Toulouse.

PHOTO TECHNICIAN: Ruth Ferguson.


Director of Game & Fish
Ass't Director Services
Ass't Director Operations
R & D
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Communications
Planning
Personnel
Grant-in-Aid
Buildings & Grounds
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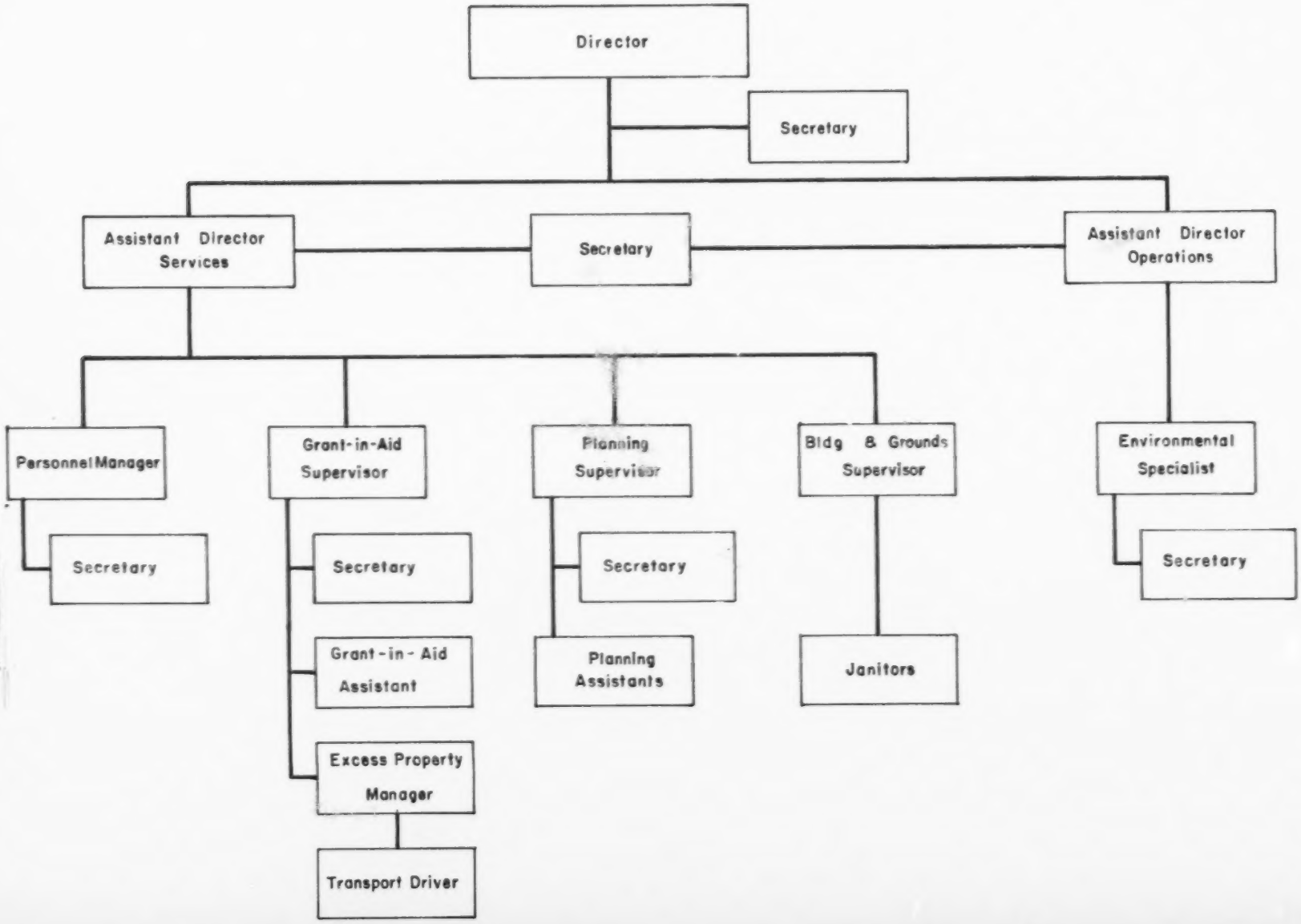
Fish
Environmental Affairs

ADMINISTRATIVE SECTION



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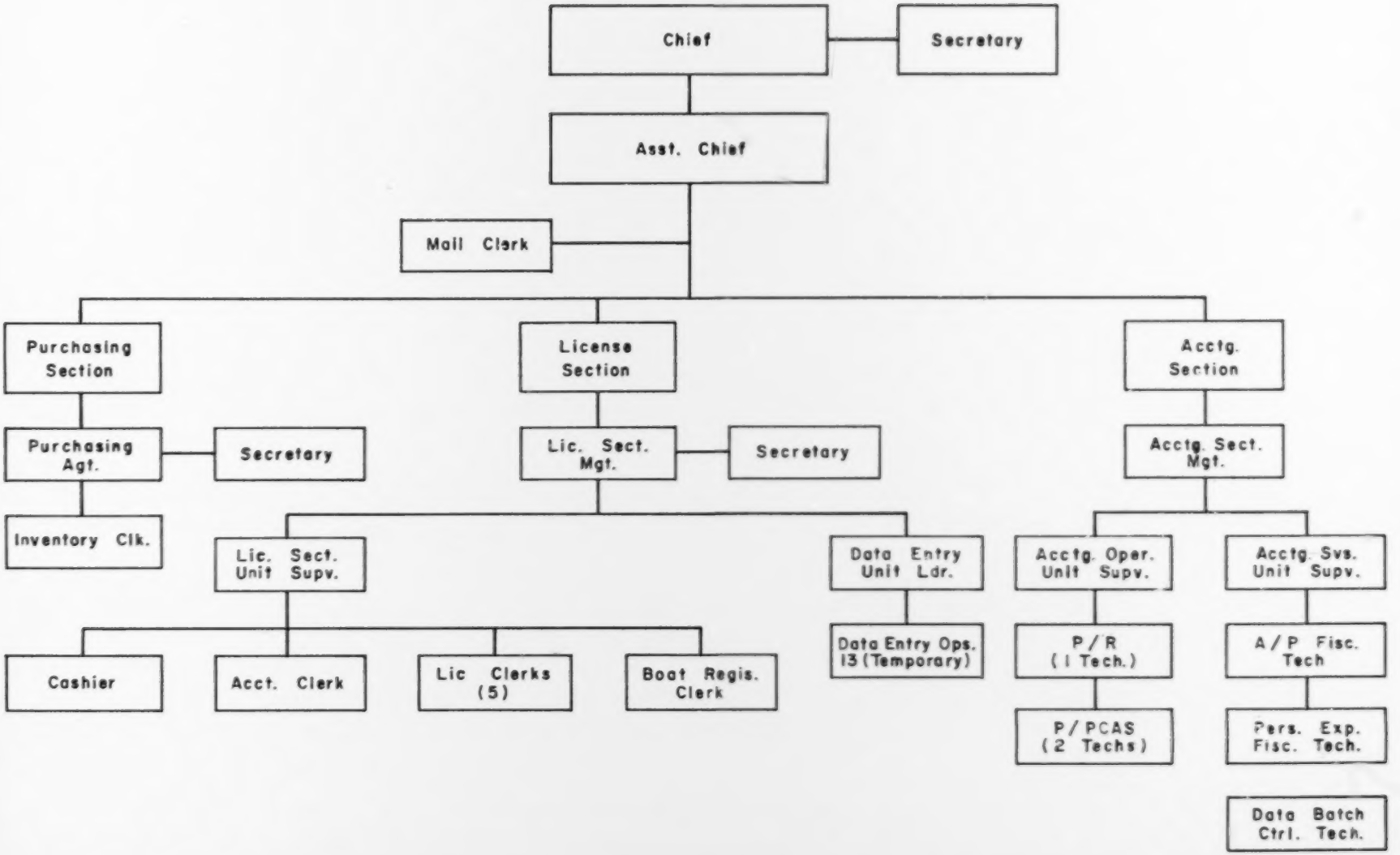
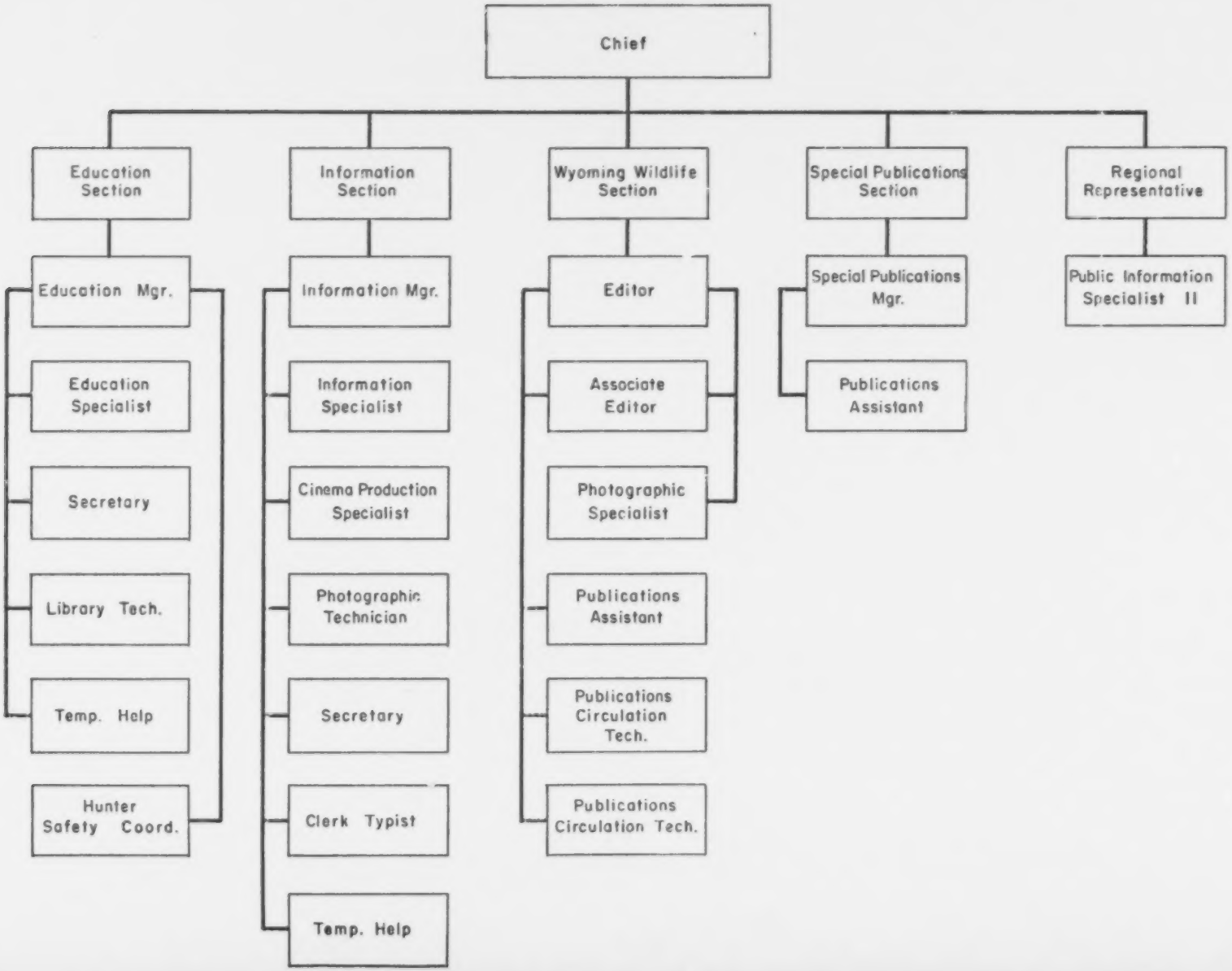
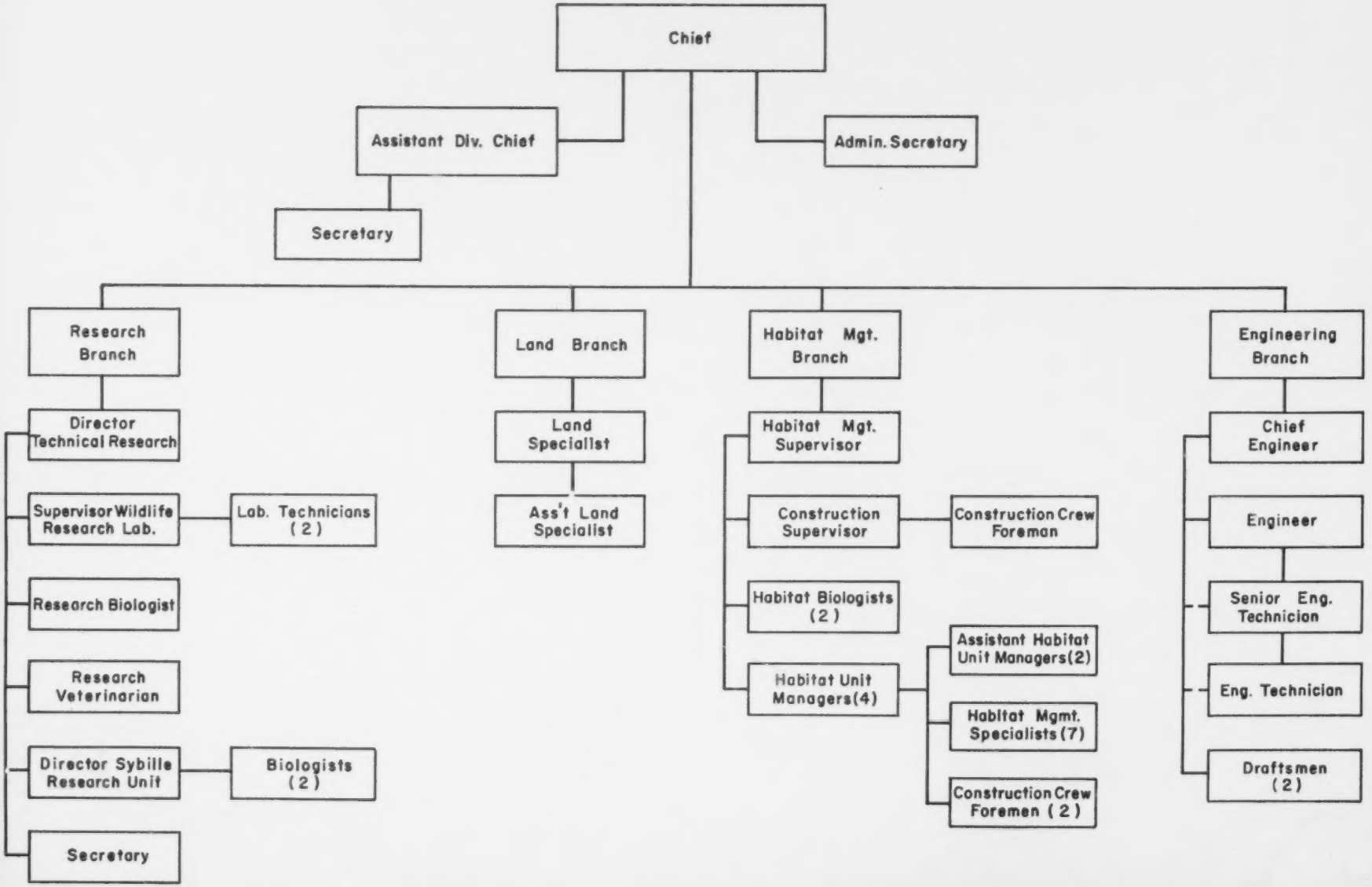

Chief
Secretary
Asst. Chief
Mail Clerk
Purchasing Section
License Section
Acctg. Section
Purchasing Agt.
Secretary
Lic. Sect. Mgt.
Secretary
Acctg. Sect. Mgt.
Inventory Clk.
Lic. Sect. Unit Supv.
Data Entry Unit Ldr.
Acctg. Oper. Unit Supv.
Acctg. Svs. Unit Supv.
Cashier
Acct. Clerk
Lic Clerks (5)
Boat Regis. Clerk
Data Entry Ops. 13 (Temporary)
P/R (1 Tech.)
A/P Fisc. Tech
P/PCAS (2 Techs)
Pers. Exp. Fisc. Tech.
Data Batch Ctrl. Tech.

COMMUNICATIONS DIVISION



RESEARCH AND DEVELOPMENT DIVISION



FISH DIVISION

CHIEF FISH WARDEN

- ADMINISTRATIVE SECRETARY

ASSISTANT CHIEF FISH WARDEN

- SECRETARY

MANAGEMENT-ENVIRONMENT-RESEARCH

FISHERIES RESOURCE MANAGER

FISHERIES AREA 10 (JACKSON)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 20 (LANDER)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 22 (CODY)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 30 (BUFFALO)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 40 (PINEDALE)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 44 (GREEN RIVER)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 50 (LARAMIE)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

FISHERIES AREA 55 (CASPER)
AREA FISHERIES SUPERVISOR
PROJECTS COORDINATOR
FISHERIES BIOLOGIST

TEMPORARY SUMMER HELP

ECOLOGICAL SERVICES MANAGER

PROJECT BIOLOGISTS
(Soft Money)

FISHERIES RESEARCH MANAGER

HABITAT PROTECTION (AQUATIC)
SR. AQUATIC HABITAT BIOLOGIST
AQUATIC BIOLOGIST

COMMERCIAL FISHERIES
SR. PROJECT LEADER
GRADUATE STUDENT
U.W. PROJECTS

WATER QUALITY POLLUTION CONTROL LAB
SR. WATER QUALITY ANALYST
WATER QUALITY BIOLOGIST

FISHERY POPULATION SURVEY
POPULATION DYNAMICS SPECIALIST

U. W. COOP UNIT

PRODUCTION

DISTRICT 1 SUPERVISOR HATCHERY OPERATIONS

- SUPT. AUBURN
- SUPT. BOULDER
- SUPT. COMO BLUFF
- SUPT. DANIEL
- SUPT. DUBOIS
- SPAWN. & DIST.

Asst. Hatchery Supts
Fish Culturists
TEMPORARY SUMMER HELP

HEAVY EQUIPMENT OPERATOR STATEWIDE

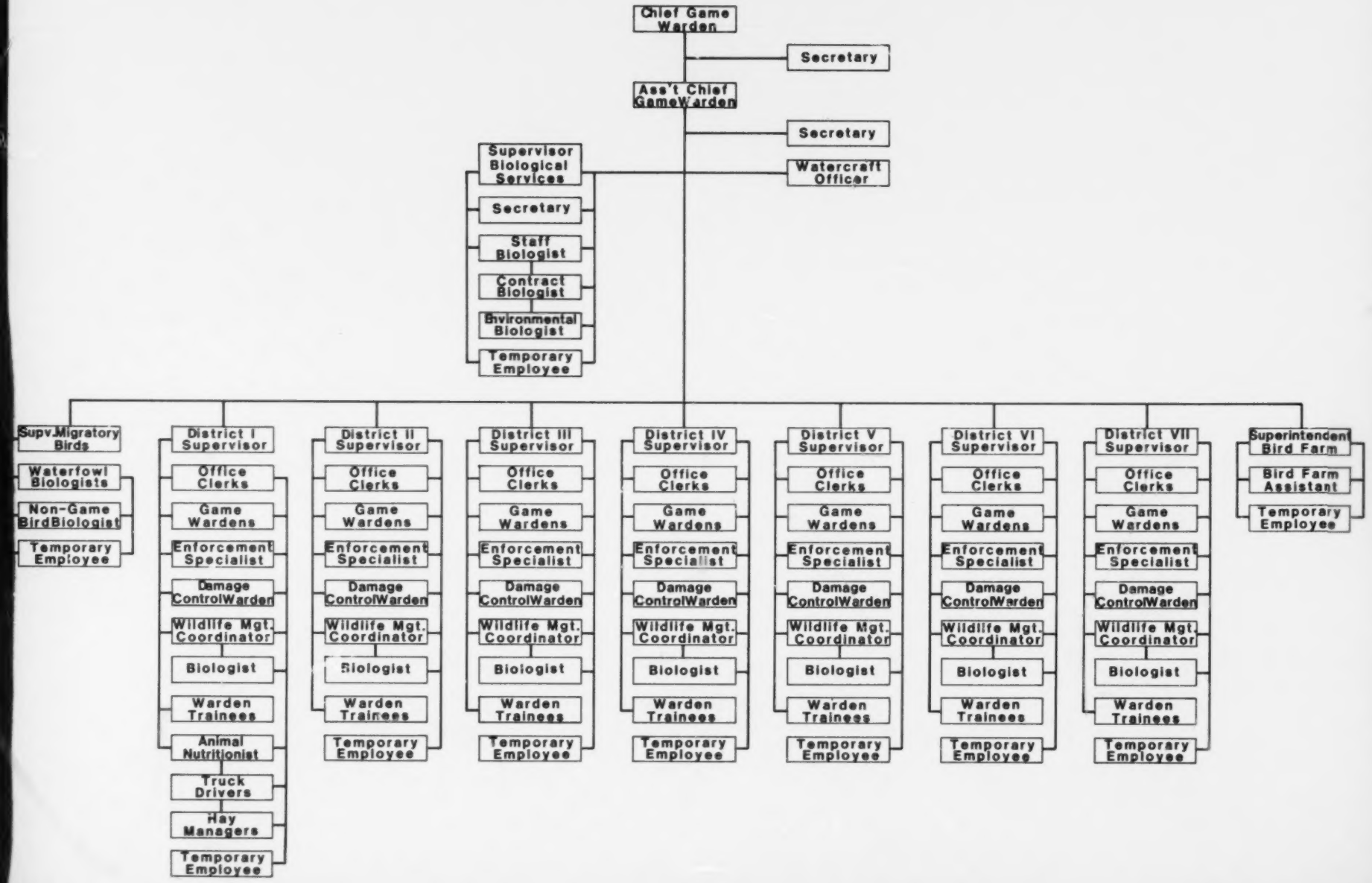
DISTRICT 2 SUPERVISOR HATCHERY OPERATIONS

- SUPT. CLARK'S FORK
- SUPT. SPEAS
- SUPT. STORY
- SUPT. TENSLEEP
- SUPT. TILLETT
- SUPT. WIGWAM

Asst. Hatchery Supts
Fish Culturists
TEMPORARY SUMMER HELP

SPAWN. & DIST.

TERRESTRIAL WILDLIFE DIVISION



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INTRODUCTION AND DIVISION REPORTS

This report covers the progress and financial status of the Wyoming Game and Fish Department during fiscal year 1981. The information documents progress toward objectives as presented in our Strategic Plan for the Comprehensive Management of Wildlife in Wyoming, 1978-1983.

During F.Y. 1981, a total of 4,734,999 hunting and fishing recreation days were provided to the public. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc. Hunters and fishermen expended approximately $151,965,398 in pursuit of their sport throughout the state. The Department received revenues totaling $16,430,370.46 of which $12,691,187.85 was from the sale of hunting and fishing licenses and tag fees. Expenditures totaled $15,212,464.06.

The Department continues to experience the rapid changes, additional pressures on wildlife and unique wildlife management problems generated by exhaustive mineral and energy development across the state. Our rapidly increasing resident human population continues to be a very important influence on the future of Wyoming's wild resources, their management and use.

At the end of the period covered by this report, the Department was comprised of 318 permanent full-time employees and 63 temporary or seasonal workers. As our responsibilities, jurisdiction, and general workload grows, so must our personnel force if we are to continue those programs and services demanded of us.

The 1979 Wyoming Legislature enacted a new license fee schedule which went into effect January 1, 1980. New laws mandating the expenditure of these new revenues and inflation will be accommodated and the Department can expect financial solvency until approximately 1985.

A summary of Department activities by respective Division follows:

COMMUNICATIONS DIVISION
DICK KEENEY, CHIEF

EDUCATION SECTION - Three hundred and nine Conservation Education programs were conducted by the Education Manager and one Education Specialist. These included use of the mobile education unit, classroom programs, and programs for youth and civic organizations.

The annual Conservation Camps were held at Sybille. In addition, three elementary school camps were held at Sybille. The Education Manager also participated in the State 4-H Camp in Fremont County.

Education personnel attended 28 meetings and advisory meetings, and five conferences, including Hunter Safety and the Governor's Traffic Safety Conference. They also taught 23 hunter safety classes and assisted the Hunter Safety Coordinator with one workshop. Education personnel were also active with activities such as Sight-In Days, State Pistol Match, and National Hunting and Fishing Day.

Personnel participated in making a survival film and assisted in helping the Motion Picture Coordinator obtain film footage, served on the State Safety Council, Laramie County Recreation Planning and Advisory Board, served as Science Fair judges, coordinated two IBM training workshops, and participated in five teacher workshops in natural resources.

Eighty-three new book titles were purchased during the year. The library was reorganized with duplicate and outdated information donated to the local school district.

Approximately 2,800 requests for motion pictures were received, with an estimated audience of 55,000. One new title, SURVIVAL, was added to the film library inventory. Twenty-four additional film prints were purchased during the fiscal year.

Twenty-one new employees and three new Commissioners were oriented in separate sessions to Department procedures and policies. Two IBM training workshops on duplicating maintenance and operation were coordinated.

Personnel training (clerical, supervisory, management. etc.) through DAFC was coordinated through the section.

Microfiching of materials for Game Division and Fish Division was completed.

HUNTER SAFETY - The following is a list of Hunter Safety activities undertaken and/or accomplished in the past fiscal year:

1. Seventeen new instructor workshops were held with a gain of 173 new instructors.

2. Instructor certification workshops were upgraded to cover those topics of more pertinent use to the instructors, i.e., the learning process, the teaching process, lesson planning etc.

3. A policies and procedures manual was printed for distribution to all certified instructors.

4. A cooperative effort with the State 4-H Association was agreed upon. Our Department now issues Game and Fish 4-H Certificates of Completion for 4-H youths who have completed the Hunter Safety course.

5. The Hunter Safety Manual was upgraded to include a section dealing with wildlife management and Game and Fish laws.

6. Assisted in the making of two motion pictures: SURVIVAL and WILDLIFE AND THE LAW.

7. The use of video was tested at the last Cheyenne workshop and proved to be a valuable tool for instructor critique. However, due to problems with the availability of equipment, it proved not to be feasible outside the Cheyenne area.

8. Contacts have been made to establish Hunter Safety and shooting sports-oriented programs for handicapped population. This program will work closely with the State Department of Education and their physical education program.

9. Portions of the Hunter Safety program were incorporated into the Sybille Conservation Camp. Firearms safety, shooting sports, survival, and outdoor ethics were given thorough coverage over 6 days of participation at the camp.

10. Hunter Safety was represented in 3 separate days during Cheyenne Rifle and Pistol Club Sight-In Days and National Hunting and Fishing Day.

11. A survey was conducted to determine the number of public schools which offer Hunter Safety in their regular program.

12. Approximately 10,000 students received Safety Hunter Certificates during the period.

13. An enhancement to update the Hunter Safety file system to computer program was written and approved. The new system will streamline the routine record keeping and eliminate duplicate, and in some cases, triplicate files.

INFORMATION SECTION - The Communication Division's Information Section activities are divided into the following main categories:

A. News Releases: Releases are sent to [illegible] recipients. A total of 131 news releases [illegible]e

printed for fiscal year 1981. These releases have been used by newspapers, radio, television, and many are printed via the Associated Press and United Press International wires. The section works closely with outdoor writers and many releases are used by them in the national outdoor sports magazines. This year a special effort was made to contact the national media in an effort to sell licenses.

Department information was used by the media to include all hunting/shooting related magazines. A telephone media blitz was also initiated at the last minute to sell deer licenses. This, according to License Section, was very successful.

B. Radio: The section produces three weekly radio programs, a three-minute "Wyoming Outdoorsman", a ten-minute "Game and Fish Report", and a 30-second spot "Outdoor Tips." These are used by 25 of the state's radio stations. Section personnel appear as guests, or arrange for other Department personnel to appear as guests, on radio programs. These are often the "call in" variety, and have produced excellent response. A weekly program is taped with John Case of WBBM Radio, Chicago. This is a CBS affiliate station and is syndicated in 47 states.

C. Television: Efforts to inform and educate the public via TV have been extremely successful the past year, despite the fact that the section does not have a full-time television position. At present, the position is manned as a temporary position.

In fiscal year 1981, twenty-seven, 30-second and 60-second spots were produced and mailed to stations in Wyoming and surrounding states. These spots were aired as Public Service Announcements, which means they are aired at no charge at times of each station's choosing. Many spots seem to be aired during the 5 p.m. and 10 p.m. news times. Monetarily, such air time is worth an average of $275 per minute. Considering that 20 stations gave us approximately 145 minutes of air time per week, the Department received about $40,000 worth of free publicity per week, or about $160,000 worth per month.

During the calendar year 1981, the Department will have received about $2 million worth of free Game and Fish publicity. This means that all TV stations (except KULR-TV, Billings, MT, which does not have the required equipment), serving Wyoming are now airing Game and Fish PSA's. The stations are:

KTWO, Casper, WY.
KCWY, Casper, WY.
KYCU, Cheyenne, WY.
KTNW, Riverton, WY.
KTUX, Rock Springs, WY.
KBDI, Broomfield, CO.
KBTV, Denver, CO.
KRMA, Denver, CO.
KMGH, Denver, CO.
KOA , Denver, CO.
KWGN, Englewood, CO.
KID , Idaho Falls, ID.
KIFI, Idaho Falls, ID.
KTVQ, Billings, MT.
KDUH, Hay Springs, NE.
KSTF, Scottsbluff, NE.
KOTA, Rapid City, SD.
KSL , Salt Lake City, UT.
KTVX, Salt Lake City, UT.
KUTV, Salt Lake City, UT.

Accomplishments in this category are the direct result of funding through a budget enhancement project.

D. Television - National: The IAFWA (International Association of Fish and Wildlife Agencies) is supporting Glen Lau's two new television series. The "Sports Afield" television magazine and the "Coors Western Outdoorsman" are both on the air in this area. Both have used footage from this Department for their programs. So far this has been an excellent series.

The Section Manager is now serving as a regional representative for IAFWA in coordinating the northwest states' efforts with Glen Lau Productions.

E. Gaffer: Six Gaffers and an occasional special edition are printed yearly. More input is needed from the field. All the support received this past year has been deeply appreciated. In competition with other similar agencies through the Association for Conservation Information, the Gaffer took place last year.

F. Information: This section is charged with the responsibility of responding to application requests from nonresidents and residents. The bulk are non-residents who are sent the big game packets. A new mailing system utilizing a computer has replaced the old hand-sorting and hand-mailing. The system works well and has saved the Department a great deal of money.

G. Public Contact: Members of the section speak to sportsmen's clubs, churches and service clubs. This is an important function, not only as it benefits these organizations, but also increases public understanding of the Department's efforts and goals.

H. Correspondence: Many hundreds of letters are received that require special attention. Some of these are from outdoor writers and these especially are handled with care as some are rewritten and published for hundreds of thousands to read.

I. Special Projects: Many projects of other divisions and sections require the talents of of this section. These include slide shows, multi-media slide shows, special tapes, video tapes, and films to record a particular happening.

PHOTO LAB - The Photographic Technician handled approximately 5,200 items of photographic material in fiscal year 1981. A breakdown of this number included the following:

- developing 155 rolls of black and white film
- printing 1,150 black and white prints for Game and Fish reports; special publications; internal publications; the WYOMING WILDLIFE magazine; personnel service awards; contact sheets; general work orders; etc.
- 1,434 prints were made to accompany Department news releases
- 224 black and white prints were made for use as court evidence
- 450 prints and 56 slides were made and sent out to external publications and individuals for reproduction and personal use
- a volume of copy work including converting 433 transparencies to black and white, and 52 charts, prints, and artwork to slides
- 1,107 duplicates were ordered from original transparencies
- dry mounting of photographs and certificates, matting and framing, amounted to about 75 pieces

Copy work activity has increased four-fold over the previous year and the total number of black and white prints made has increased over 25 percent.

The silver recovery system continues in use and although major savings have not been realized, the Game and Fish General Fund has benefited from its contribution.

MOTION PICTURE - The newest Department motion production WILDLIFE AND THE LAND has been completed. The film will be available to the public on a free-loan or rent-free basis. It is 16mm, color-sound, and has a running time of 26 minutes. The subject covered in the story is wildlife habitat, and the current problems associated with it. Habitat is explained to the audience for the various species of mammals, birds and fish, and examples of each shown in all seasons. The film shows Wyoming's seven habitat types or life zones and traces them from the lowland marshes clear up to the alpine areas. WILDLIFE AND THE LAND explains how the various types change from summer to winter, and how these changes affect our wildlife populations. It also dramatically points out problems brought about by man's encroachment on the environment and his effects on wildlife.

Through the past approval of an enhancement project, the Department is able to produce one major motion picture each year.

SPECIAL PUBLICATIONS - This section handles all Department printing, both commercial and central duplicating, except WYOMING WILDLIFE magazine. Job specification writing, printing contracts and central duplicating requests are all handled by the Special Publications Section.

Designing and layout of all the Department's major publications are handled by the section.

Inventory, sales and distribution of all Department saleable publications with the exception of WYOMING WILDLIFE is handled by Special Publications.

This section is responsible for the printing but not the distribution of all hunting, fishing and boating regulations.

WYOMING WILDLIFE - Popular articles covering programs, projects and problems of the Department are printed in this monthly conservation magazine issued through the Wyoming Game and Fish Department. Presently the magazine has over 46,000 subscribers, with an average of nearly five people reading each copy circulated. In contrast to radio and television, the magazine provides in-depth textual and photographic coverage of a more permanent nature for Department activities. This documentation is important, not only for its historical value, but for reference value to answer many requests from the public for information about the wildlife resource and the Department's activities.

In addition to preparing the magazine for publication each month, the WYOMING WILDLIFE section provides its own circulation fulfillment service, mails copies of each issue to the District Offices, logs and mails color film for processing, orders and distributes bound volumes, services orders for back issues and does the typesetting for big game hunting orders.

Ongoing projects of WYOMING WILDLIFE included our 12th Annual Photo Contest, second annual Pictorial Issue and third questionnaire survey of resident subscribers. At this point the Department's financial situation may preclude publishing the Pictorial Issue in succeeding years, even though it is very popular with subscribers. Hopefully there will be sufficient funds to continue the photo contest and questionnaire features.

REGIONAL REPRESENTATIVE - An attempt was made to divide my time equally between education and public information activities again this period. Due largely to hunter safety problems, a disproportionate amount was probably spent on education this year.

Excluding hunter safety, a total of 51 programs were given to school and youth groups. Using an average of 20 persons per group, this represents approximately 1,020 youth reached. These programs ranged from simple wildlife appreciation games using furs and skulls for younger children, to rather complex biological, ecological and game management activities for junior high and high school ages.

Programs were given to 32 adult groups during the year. Nearly one half (15) were primarily concerned with the Department's funding needs. The rest ranged from game management programs to simple explanations of hunting season changes, hunting and fishing hotspots, etc. I estimate 1,200 adults were directly exposed to these programs.

Newspaper stories were prepared and distributed to area papers regularly. These were straight news stories - very few feature stories were written.

The major public information efforts were directed toward radio. Regular weekly programs were prepared covering the full range of game and fish topics. In addition, monthly appearances were made on "Public Pulse", a telephone call-in talk show in Sheridan. While it is very difficult to judge the impact of newspaper and radio effects, I feel that these are the most cost-efficient media for Northwest Wyoming.

Hunter safety activities included two instructor workshops. These were conducted after observing a workshop being given in Buffalo by the Hunter Safety Coordinator. Considerable time was also spent arranging films and projectors and student materials for instructors in the area.

When instructors refused or could not be found, a total of 97 hours "volunteer" time was spent teaching hunter safety classes. Five complete classes were taught and assistance was given to six classes taught by other instructors. While all of the actual class time was outside normal working hours, much of the preparation time was done during office hours.

The highlight, in my mind, was a week-long workshop in environmental education at the University of Wyoming in Laramie. As team leader, I

directed a group of facilitators in an intensive workshop applying the discovery approach to learning to environmental education. Most of the participants were teachers, and past experience has indicated that teachers exposed to this workshop successfully integrate environmental education into most curricular areas in their classrooms. This is the fifth workshop conducted since I was trained in 1975. Three hours of university credit were available. It is still a most gratifying experience to see a full grown teacher on his hands and knees examing something at the edge of a stream and shouting, "Hey! Look at this." Learning can still be fun!

FISCAL DIVISION
GLENN A. SHAFFER, CHIEF FISCAL OFFICER

The Fiscal Division serving as a service and staff function renders assistance to other Divisions of the Department and to the public. Primary responsibility is the proper collection, expenditure and accounting for revenue and associated assets.

Beginning cash F.Y.81 $3,414,555. Revenues for F.Y.81 were $16,433,445, up 79% over F.Y.80. This increase is due mainly to increased license fees. Expenditures were $15,212,646 including encumbrances continuing to rise 12-3/4% from F.Y.80. Activities resulted in an ending cash balance of $4,635,537.

Inflation and legislated changes continued to add increased pressure to costs in F.Y.81. Increased payouts for landowner coupons and license agents also affected expenses. Some reported increased revenue results from changing drawing dates for deer licenses to July, 1980 from April, shifting evenue to F.Y.81 over F.Y.80.

Some structural changes in operations have streamlined the accounting process and functions. A new effort has been focused on fiscal responsibilities throughout the Department from ideas generated through the Fiscal Division. It is anticipated that these and more ideas will have a larger effect on F.Y.82 as they are accepted and refined. One such project is automation of Landowner Coupon Payment, expected to be operational in September, 1981 effecting faster payment of claims and data capture to assist in completion of several reports.

It is, and will continue to be, the goal of the Fiscal Division to pursue all possible alternatives to reduce expenses and curb unnecessary costs to the Department. All Divisions are being informed of possible areas of savings and are forwarding their ideas to us for dissemination.

FISH DIVISION
JOE WHITE, CHIEF

Streambank stabilization on the Salt River continues with the approval of a new five-year project. This is a cooperative effort between the Game and Fish Department, the Soil Conservation Service and private landowners whereby streambanks are protected with tree revetments. Results in terms of bank protection and enhancement of fisheries habitat have been far superior to previous work involving old car bodies and stream channelization.

The special study on Keyhole Reservoir was dealt a severe setback by water withdrawals for irrigation in South Dakota. The previously stable reservoir was about one-third capacity by the end of the summer. The effects of the low water on game fish and forage fish populations are not yet fully evaluated.

The Upper Green River Project came to a close with a five-year study accumulated with changes in the fish stocking program and the establishment of a six-mile river section under experimental fishing regulations including terminal tackle restrictions and a slot size limit on trout. Habitat improvement and spawning facility development on the Green River below Fontenelle Reservoir continued with the awarding of bids for construction. This project will eventually involve expenditures of $700,000.00 which will be reimbursed by the Bureau of Reclamation under the Section 8 program. Project plans call for installation of large boulders to provide trout cover through 17 miles of the Green River. An experimental operation was set up for obtaining kokanee eggs from Utah and hatching them in Flume Creek below Fontenelle Reservoir. Temporary hatchery troughs were set up and kokanee from Sheep Creek were hatched with good success. These fish will be released back into the Green River and Flaming Gorge Reservoir in hopes of establishing a spawning run up the Green River.

Two long-scheduled habitat improvement projects in the Cody area were finally completed. Habitat structures, riprap and instream boulders were installed in locations at Indian Creek and on the Clark's Fork River. Severe flooding in this area caused some danage to the Dead Indian structures but Clark's Fork work apparently held up well.

There has been a continuing effort to obtain success to the North Platte River in the Casper area through the identification on public lands and cooperative agreements with private landowners and management agencies.

A report dealing with the Utah cutthroat trout, (Salmo clarkii utah) in Wyoming was completed and represents the definitive work available on this species of fish. A publication titled Amphibians and Reptiles in Wyoming was completed. It includes keys, distribution and natural history information on amphibians and reptiles found in the state following the pattern of Wyoming Fishes.

The Reservoir Research Unit and Fish Population Unit continued to refine techniques associated with determining fish stocks in large reservoirs and

on streams. The habitat quality index continued to be refined throughout the year and applied to fisheries statewide. More information is being accumulated toward the development of a reservoir quality index in cooperation with the Cooperative Wildlife Research Unit.

New and sophisticated analysis equipment has been placed in the Water Quality Laboratory. Analysis time has been reduced and procedures increased with the addition of a liquid chromotography instrument. This will be used for state work and on an initial survey for EPA and DEQ financed Clean Lakes program. In this program 19 lakes have been sampled and water quality analyzed. Two lakes will be recognized for more detailed study and, hopefully, water quality restoration. Even though the Clean Lakes project has consistently yielded benefits in excess of cost, federal budget cutbacks threaten this program. Efforts are now underway in an effort to secure state sponsorship of the program.

The Instream Flow investigations in cooperation with the BLM have been expanded from the Big Horn Basin to include streams on the North Platte. Powder and Little Horn River drainages. Two crews were fielded on this project and emphasis shifted somewhat from strictly quantifications of instream flow needs to evaluation of available methods. Once again this program faces early termination in 1982 due to federal budget cutbacks.

Activities on the environmental front have increased significantly again this year with no increase in help to do the work. Consultation on U.S. Army Corps of Engineers dredge and fill 404 permit applications have increased. Although the system is inadequate for fisheries protection, it has been significant in minimizing and preventing certain types of stream channel damages, which would have impacted the fish populations. Serious water planning by the state has increased since the formation of the Water Development Commission. Fish Division involvement in the impact analysis of potential water projects has subsequently increased. Projects receiving increased attention included the Little Snake drainage, Cheyenne Stage II, Little Horn River, Clark's Fork River, Park Reservoir and Fremont Lake. Activity on private and federal water projects has focused on Flaming Gorge peaking power, Polecat Bench, Buffalo Bill enlargement, Jackson Lake Dam Rehabilitation, Swift Creek Power Project and numerous low head hydro-electric power proposals statewide.

Endangered species activities focused on development of the recovery plan for the Kendall Warm Springs Dace and efforts to protect the Bonneville and Colorado River cutthroat trout without federal listing as threatened or endangered. These trout face ever increasing threats from water and mineral development proposals. Habitat improvement on federal lands is critical for the continued existence of the species. Efforts to locate the Wyoming toad near Laramie were disappointing as only two adults were found. This species is currently proposed for listing as endangered. Previously abundant in this limited range, this toad has virtually disappeared in the past five years.

The hatchery section has continued to refine its ability to obtain exactly the species or subspecies of fish needed at the exact time that management requires them. Increased number of eggs were taken and surplus were distributed as in the past to various other state and federal governments. Because of the low level of Lake DeSmet, the Division was somewhat apprehensive about the ability to obtain this extremely valuable strain of spring spawn rainbow. However a temporary trap was built one-half mile below the permanent trap and sufficient fish made the shorter route to fulfill egg requirements. New spawning operations were initiated on Glendo Reservoir for walleye. It is felt that this sight will be used in the future and Keyhole may eventually be phased out.

A report was completed by Anderson Kelly concerning the measurement of flows from Renner Wells. All the data was collected by personnel from the Wigwam Rearing Station. There was increased emphasis on saving fuel while hauling fish in the hatchery section. Mileage was cut down by the manipulation of fish and the combining of stocking schedules. New fish hauling units were constructed at some of the hatcheries to increase holding capacity by 100 percent. Various improvements in the production section were as follows: a new raceway head trough was installed at Dubois Hatchery; a new house was completed at Auburn Hatchery; pressure pumps for raceway cleaning were acquired for several of the hatcheries; water supply for the Yellowstone cutthroat brook pond was increased to bring the production of eggs up by 100 percent; and a brood pond to hold Eagle Lake rainbow was started at the Tillett Rearing Station.

GAME DIVISION
REX CORSI, CHIEF GAME WARDEN

The Game Division continued with action aimed at gathering and analyzing information on terrestrial wildlife and its habitat. This information has been the basis of recommendations to the Commission on hunting seasons, damage claims, general wildlife management and also served to assist Division response to all other agencies and private companies planning to utilize or develop natural resources. Recommendations from the Division should influence the decisions on all natural resource development and use so as to provide for wildlife and its habitat for future years.

Wyoming's human population is increasing and with more people there is additional noncompliance with laws and regulations established to protect wildlife. For several years the Division has been actively seeking public support and action to curb noncompliance. Public awareness and support has been growing and was given a substantial boost in September of 1980 when a privately-oriented group, the Wyoming Wildlife Protectors Association, was formed which makes payments of rewards to citizens for reporting wildlife violations. This reward system is supported by contributions from citizens, organized groups and membership in the Association. The Rocky Mountain Conservation Fund was very generous with a $10,000 contribution to

the Association. With the incentive of receiving a reward, many citizens have reported wildlife violations and have been paid rewards. Citizen action to report violations will save wildlife. Arrests and fines in the state for the last ten years are shown in Table 1.

Table 1. Arrests, Fines, Dismissals - 10-year Comparison

Year	Arrests	Fines	Not Guilty, Dismissed, or Fail to Appear
1972	1,815	$ 69,839.00	43
1973	1,853	97,360.00	66
1974	2,018	117,811.00	52
1975 (Jan.-June)	625	38,727.00	26
1976 (Fiscal Year)	2,367	137,012.00	55
1977 (Fiscal Year)	2,478	153,059.00	87
1978 (Fiscal Year)	2,646	168,314.00	46
1979 (Fiscal Year)	3,328	204,978.00	63
1980 (Fiscal Year)	2,761	215,238.00	112
1981 (Fiscal Year)	2,606	188,561.50	113

Bighorn sheep were again trapped near Dubois and transplanted to other sites in Wyoming and were also furnished to other states for release. Through many years of proper management and transplanting, bighorn sheep are thriving at many areas of Wyoming and in other states. During the year transplants were accomplished as follows:

Wyoming Range-Lincoln County	35
State of Utah	27
State of Nevada	15

Potential damage by wildlife to private property caused personnel to expend considerable time trying to alleviate problems and to investigate and report on claims filed against the Department. Legislative action resulted in a change of Wyoming Statutes, effective June 1980, which named the Department as being liable for livestock killed or injured by trophy game animals. During the year several claims were paid when lion or black bear killed livestock. A record of all claims paid for damage caused by wildlife is shown in Table 2.

Table 2. Damage Claims Paid - 10-year Comparison

Year	Amount Paid	Year	Amount Paid
1972	$21,869	1977 (Fiscal Year)	$ 23,958.00
1973	60,444	1978 (Fiscal Year)	36,683.00
1974	31,312	1979 (Fiscal Year)	60,719.00
1975 (Jan.-June)	20,458	1980 (Fiscal Year)	111,148.00
1976	47,851	1981 (Fiscal Year)	128,588.68

The Division received approval of several projects for wildlife which were done in addition to general yearly operations. Action on these projects is described below:

Radio System - The Division completed purchase of 78 new 8-channel radios at a cost of approximately $56,000 which will enable enforcement personnel to participate in the new State Agency Law Enforcement Communications System scheduled for completion July 1, 1982.

Biologist Aids-Statewide - The Division expended approximately $22,000 to hire temporary biologist aids in an attempt to meet demands for additional wildlife data as a result of energy development activities in the state.

Elk Studies - Several elk study programs were completed on the west side of the Big Horn mountains resulting in information which is to be analyzed and used by both the Department and federal agencies for a better wildlife management plan.

Peregrine Reintroduction - The Division reintroduced 11 peregrine falcons into historical ranges in Grand Teton National Park. The transplant operation appears to have been successful with this endangered species. One-half the cost ($4,600) of reintroduction was donated by the Rocky Mountain Conservation Fund.

Winter Range Survey - An intensive survey of elk winter range conditions in the Medicine Lodge area near Hyattville was completed, and the data compiled for future management uses.

Lure Crop Program - The third and final year of a cooperative program with the U.S. Fish and Wildlife Service to prevent damage to crops by ducks, geese and sandhill cranes was evaluated. The program had been entirely funded by the U.S. Fish and Wildlife Service and administered by the Department. Preliminary assessment indicates a successful meeting of objectives, and results were forwarded to Washington, D.C., in hope of obtaining future funding.

Forest Park Feedground - Hay was hauled to this new feedground location on upper Greys River, and a feeding program was initiated with the assistance of the U.S. Forest Service. Due to the light snow conditions during the winter of 1980-1981, only a few elk were fed. Maximum numbers on the area approached 200 head.

Toll-Free Enforcement Number - The toll-free number has become a joint effort between the Department and the Wyoming Wildlife Protectors Association. The Department provides the toll-free number, and the WWPA pays up to $500 rewards for information resulting in the arrest of suspects. To date we have received over 250 reports of violations, and 68 cases have been cleared by arrest with 156 citations issued. Fines collected by the courts total $28,207, and rewards paid by WWPA total $13,850. Several steps are being taken to insure continuation of this program.

Furbearer Inventory - The furbearer enhancement continued to provide valuable information on the harvest and sale of furbearing species. The data provided from this system were considered important enough that the Game Division has proposed to include this project in the CMO. The Commission approved this transfer to begin in F.Y.82.

Simulation Modelling - The enhancement for implementing population modelling was continued during F.Y.81. Approximately 75% of the State's big game populations have been modelled to date. Much of the work on the project during F.Y.81 consisted of updates of existing models and the development of new models. The modelling effort provided substantial information useful in making herd management decisions and responding to requests for population data by other agencies.

Wildlife Observation System - This system continued to provide valuable data during this past year. The system was improved significantly by the addition of new codes for habitat, animal activity and observer activity. All Game Division Districts are using the system, and the Fish Division is using the system for reptiles and amphibians. There are approximately 152,000 records presently on the system.

Lands Suitability Contract - This contract is funded by the Office of Surface Mining and administered by the Department of Environmental Quality. Three separate projects were funded under this contract in the Biological Services Section in F.Y.81. A mapping technician provided the Game Division with assistance in its wildlife mapping activities and assisted with data processing. A study of the Columbian sharp-tailed grouse in the Baggs area was supported. This project, to be completed in F.Y.82, should provide valuable information on this rare species. Finally, the Section finished a survey designed to determine the distribution and relative abundance of mountain lions in Wyoming. As a result of this survey, our knowledge of this species improved significantly. Also, this study represented a partial fulfillment of the requirements of a master of science program at the University of Wyoming.

Environmental Biologists - Half funding of two environmental biologist positions was continued under another contract with the Department of Environmental Quality. These biologists organized a symposium on shrub reclamation on mined lands, reviewed mining and reclamation plans, offered on-site advice in solving wildlife problems and on proper mining reclamation procedures for wildlife, conducted inspections of mines to evaluate compliance with mining laws and provisions of mining permits, and coordinated evaluation of the suitability of mining federal lands with wildlife values.

Mines Application Fish and Wildlife Specialist - Another contract with the Department of Environmental Quality funded an environmental biologist assigned to review mining permits and to write the wildlife portion of technical environmental assessments required under the state coal program.

Medicine Bow Wind Energy Project - The Bureau of Reclamation provided the fourth year of funding for wildlife studies on the Medicine Bow Wind Energy Project. On this project the Department intends to determine the impacts on wildlife of wind farm construction. We have assembled three years of preconstruction data on habitat, raptors, big game, sage grouse, and waterfowl. Following completion of two test wind generators in 1981, we will be evaluating impacts of these windmills on wildlife in order to formulate mitigation recommendations if they are necessary.

RESEARCH AND DEVELOPMENT DIVISION
CHESTER ANDERSON, CHIEF

HABITAT MANAGEMENT - The Division is responsible for the development and management of the wildlife habitat units and public fishing and hunting areas owned by the Department. Management of the game and fish which use these lands and waters remain the responsibility of the Game and Fish Divisions, so all aspects of land and wildlife management must be closely coordinated. The Division managed 29 game habitat units totaling 258,031 acres and public fishing and hunting areas located on streams and a number of lakes and reservoirs in Wyoming.

Routine annual operation and management activities on the habitat areas include maintenance of access roads, public parking areas, dams and dikes, stock fences, elk drift fences, irrigation systems and buildings; control of designated noxious weeds; irrigation of meadows where the forage is left standing for elk; irrigation and harvest of hay to be used on elk feedgrounds; installation and maintenance of goose nesting structures on game bird habitat units; maintenance of equipment; and numerous other activities.

Department owned public fishing and hunting areas located throughout the state were maintained. A major effort was directed toward the preparation of bid proposals and formal contracts to rent heavy equipment to clean inlet ditches to Saratoga Lake and Johnson Reservoir north of Wheatland.

An intensive range survey and inventory was completed on the Renner Unit near Tensleep. Range studies to collect data need to properly manage the big game winter ranges were conducted on the Medicine Lodge, Red Canyon, Whiskey Basin, East Fork, Wick Brothers, Grey's River and Sunlight Units.

Fence maintenance contracts to maintain 4.5 miles of elk drift fence on the Greys River Unit near Alpine, and eleven miles of elk drift fence on the Kerns Unit near Parkman were inspected to assure compliance with the contract.

Bid proposals and contracts were prepared for cooperative farming contracts on the Table Mountain, Springer, Ocean Lake and Yellowtail Game Bird Habitat Units.

Bid proposals and contracts were also advertised for grazing or combination grazing and farming lease agreements on the Seedskadee, Yellowtail and Ocean Lake Units.

Stream improvement projects to benefit fisheries were completed on Coal Creek near Cokeville, North Platte River near Saratoga, Dead Indian Creek northeast of Cody, Little Popo Agie River near Lander and Huff Creek near Cokeville.

Management plans and inventories were updated and annual reports were prepared for each habitat management unit.

A techniques manual was prepared for the collection and analysis of data involving wildlife, range management, and habitat evaluation.

RESEARCH - Activities remained on schedule. Two jobs were completed and two new studies were added late in the year bringing the total worked on to 19. In addition to completing work on elk nutrition and effects of uranium mining and milling on wildlife, manuscripts for publication were completed on diseases of wildlife and effects of coyote predation on mule deer. Work continued on developing control measures for brucellosis in elk, inventorying and describing parasites of fishes, control and prevention of diseases in cultured and wild fish stocks, providing information on health status of terrestrial wildlife and evaluating ways to measure effects of deer use on alfalfa production. A 25-year summary of data obtained on the Sybille deer hunt was prepared and numerous analytical, chemical, and physical tests were performed to facilitate the work of management and enforcement personnel. Determining the food habits of black bear in the Greys River area and investigating possible alternate-year reproduction in bighorn sheep near Dubois were instituted during the latter half of the year.

Assistance in many of these studies was provided by close confinement and handling of animals by personnel of the Sybille Wildlife Research Unit. This facility and the Game and Fish Research Laboratory at Laramie hosted some 30 group tours and furnished information to over 500 such people in professional, agricultural and general occupations. The Sybille Unit again was the site of two one-week youth conservation camps and provided deer hunting to 234 people and fishing and general camping, picknicking, and wildlife viewing opportunity to hundreds more.

ENGINEERING - The project requiring the most time and effort of engineering personnel this year was the construction of the District Office at Cody. This building is a precast concrete modular type using double tee construction for walls and roof. The building consists of 3 bays, 32 feet wide and 44 feet long and 3,584 square feet of office space. The building also has 1,344 square feet of basement storage.

A modular house was built at the Auburn Fish Hatchery and a metal storage building was constructed at Buffalo. Eleven goose nesting islands were created at Grayrocks Reservoir with mitigation funds provided by Basin Electric Power Cooperative.

Eleven miles of elk fence at the Kerns Unit and 4.5 miles of elk fence at the Greys River Unit were reconditioned under contract during the year. Over seven miles of new stock fence were constructed under contract on the Rawhide and Renner Units.

Engineering surveys were made for acquisition of land and easements at the Rawhide Unit, Wheatland Reservoir, Platte River and Hawk Springs Reservoir. Water right surveys were conducted for the Cody District Office and for Spawning Operations at Fontenelle Reservoir.

Topographic surveys were accomplished for a dam site at the Table Mountain Unit, a bridge at the new upper Greys River Feedground, and hay fields at the Seedskadee Unit.

The drafting workload has varied from updating herd unit maps which were originally drafted four years ago to hunter information signs for collection of biological data. Work accomplished included construction drawings for buildings, bridges, dams and head troughs; maps, graphs, charts and art to be photographed for slide shows and presentations; survey plats, land acquisition priority maps, oil and gas exploration activity maps, land and mineral status maps; and graphs, charts and maps for administrative and technical reports. The quantity and variety has been typical of previous years with the exception of slide presentation work which has doubled last year's workload. This type of activity will probably increase in the future due to industrial and population growth rates and its associated problems coupled with the need for more public relations and educational presentations.

LAND ACQUISITION - An additional 250 acres of riparian habitat was purchased on the North Platte River near Torrington for addition to the Rawhide Creek Wildlife Habitat Management Unit. This project began last fiscal year as a result of a Memorandum of Understanding with the Missouri Basin Power Project which provided for the mitigation of wildlife habitat lost through construction of Grayrocks Reservoir in Platte County.

Pursuant to a joint agreement with the City of Doublas and the Soil Conservation Service, an appraisal was conducted on land along the North Platte River to estimate the value of 1.23 miles of the River owned by the City so that the City could then enter into a stream habitat-public fishing and recreation plan with the Soil Conservation Service.

An access road and vehicular parking area was acquired near Casper on the North Platte River. The road and parking area will provide better access to a fishing easement acquired by the Department in 1965.

Substantial progress was made on the formation of a land data retrieval system and work will continue through next fiscal year for its completion. The Pinedale Airplane Hangar was appraised by Division personnel and approved for sale by the Capitol Building Commission. A renewal of the Department's lease on the Muddy Creek Elk Feedground was successfully renegotiated for an additional 10 years and a lease for fishing rights on the Laramie River near Woods Landing was also renewed.

INDIVIDUAL MANAGEMENT PROGRAMS

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 54,000 ANTELOPE FOR HARVEST AT A RATE OF 89 PERCENT SUCCESS AND 2.4 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 132,000 HUNTER RECREATION DAYS ANNUALLY.

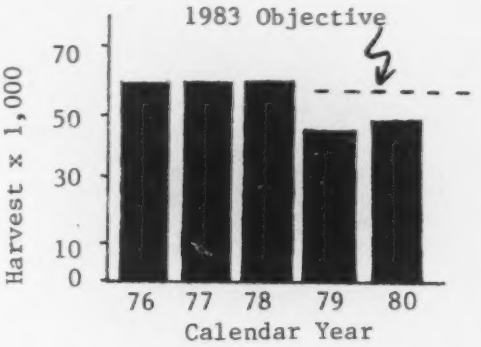
During 1980, 47,994 antelope were harvested at a hunter success rate of 84 percent. 892 animals were killed on the state's highways. The estimated 1980-1981 post-harvest wintering population was 216,247.

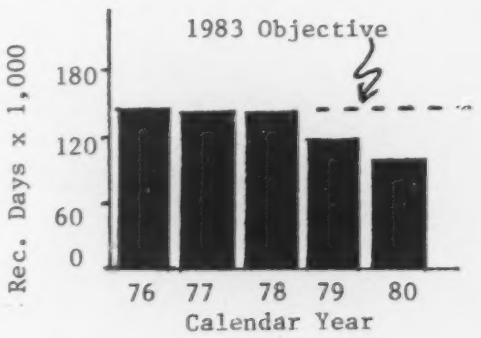
An average of 1.98 days of hunting per animal harvested resulted in a total of 95,144 days afield hunting antelope. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Antelope hunters expended approximately $133.29 per hunting day and the 95,144 days spent by hunters in pursuit of this species resulted in $12,681,619 in expenditures throughout the state.

A total of 56,909 antelope licenses were sold during the 1980 season. Based upon statewide averages during the initial drawing, there was a demand rate of 0.9 applicants for each license available.

Sales of antelope licenses resulted in a total of $2,265,558 in revenue to the Department. Costs of antelope management in Wyoming totaled $1,442,404 for all activities, resulting in a net revenue of $823,154 for the program. The total cost to the Department was $30.05 and the return to the state's economy was $264.23 for each antelope harvested.





Five-year trends in the pronghorn antelope program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY 77	58,480	140,352	87%	2.40	67,188	2,165,405	1,002,006	11,925,709
FY 78	58,858	134,526	90%	2.30	66,173	2,149,902	990,081	14,267,727
FY 79	58,132	136,642	87%	2.35	66,461	1,983,571	1,280,290	14,425,807
FY 80	44,616	106,144	84%	2.38	53,208	1,371,826	1,233,167	11,618,233
FY 81	47,994	95,144	84%	1.98	56,909	2,265,558	1,442,404	12,681,619

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 19,321 ELK FOR HARVEST AT A RATE OF 29 PERCENT SUCCESS AND 14.6 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 282,296 HUNTER RECREATION DAYS ANNUALLY.

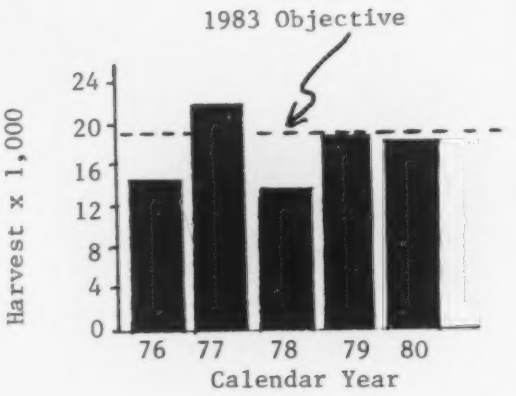
During 1980, 17,428 elk were harvested at a hunter success rate of 27.9 percent. Thirty animals were killed on the state's highways. The estimated 1980-1981 post-harvest wintering population was 65,049.

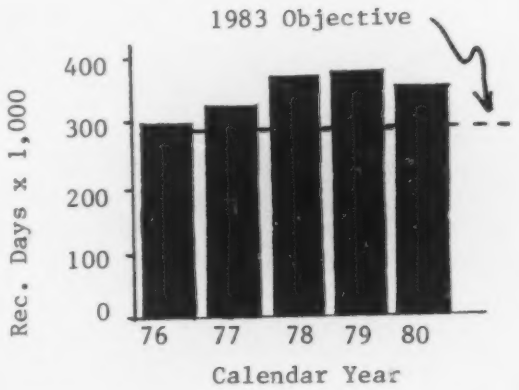
An average of 19.7 days of hunting per animal harvested resulted in a total of 342,824 days afield hunting elk. No data are available regarding days spent in nonconsumptive endeavors as observation, photography, nature study, etc.

Elk hunters expended approximately $56.77 per hunting day and the 342,824 days spent by hunters in pursuit of this species resulted in $19,461,781 in expenditures throughout the state.

A total of 62,533 elk licenses were sold during the 1980 season. Based upon total applicants, the nonresident demand rate was 1.81 applicants for each license available. The resident demand rate for special permits was 1.22 applicants for each permit available.

Sale of elk licenses resulted in a total of $2,910,335 in revenue to the Department. Cost of elk management in Wyoming totaled $2,280,703 for all activities, resulting in a net revenue of $629,632 for the program. The total cost to the Department was $130.86 and the return to the state's economy was $1,117 for each elk harvested.





Five-year trends in the elk program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	14,705	294,225	24.6%	20.0	59,713	1,544,785	1,636,452	11,236,562
FY78	21,784	317,021	35.5%	14.6	61,329	1,571,685	1,833,758	13,761,336
FY79	13,507	358,685	19.9%	26.6	68,004	1,672,150	2,263,280	14,951,525
FY80	18,580	364,003	26.5%	19.6	70,102	1,702,620	2,449,666	16,653,851
FY81	17,428	342,824	27.9%	19.7	62,533	2,910,335	2,280,703	19,461,781

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 92,590 DEER FOR HARVEST AT A RATE OF 53 PERCENT SUCCESS AND 5.8 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 531,020 HUNTER RECREATION DAYS ANNUALLY.

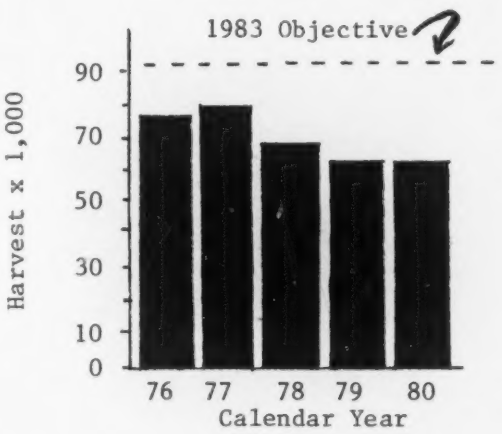
During 1980, 61,100 deer were harvested at a hunter success rate of 56 percent. 927 animals were killed on the state's highways. The estimated 1980-1981 post-harvest wintering population was 385,411 animals.

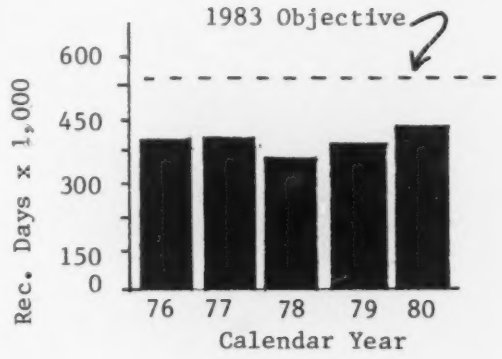
An average of 6.8 days of hunting per animal harvested resulted in a total of 416,040 days afield hunting deer. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Deer hunters expended approximately $73.49 per hunting day and the 416,040 days spent by hunters in pursuit of this species resulted in approximately $26,351,707 in expenditures throughout the state.

A total of 110,058 deer licenses were sold during the 1980 season. Based upon state-wide averages during the initial drawing, there was a demand rate of 0.85 applicants for each nonresident license available.

Sales of deer licenses resulted in a total of $4,234,888 in revenue to the Department. Costs of deer management in Wyoming totaled $1,557,533 for all activities, resulting in a net revenue of $2,677,355 for the program. The total cost to the Department was $25.49, and the return to the state's economy was $431.29 for each deer harvested.





Five-year trends in the deer program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	75,942	390,737	67%	5.1	113,410	3,144,423	1,426,764	20,118,698
FY78	79,687	390,466	72%	4.9	110,388	2,754,264	1,595,285	22,422,723
FY79	67,401	335,449	58%	5.0	115,905	2,620,920	1,769,312	21,603,428
FY80	61,243	369,060	53%	6.0	116,212	2,538,107	1,503,069	23,459,227
FY81	61,100	416,040	56%	6.8	110,058	4,234,888	1,557,533	26,351,707

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 1,659 MOOSE FOR HARVEST AT A RATE OF 83 PERCENT SUCCESS AND 5.4 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 8,949 HUNTER RECREATION DAYS ANNUALLY.

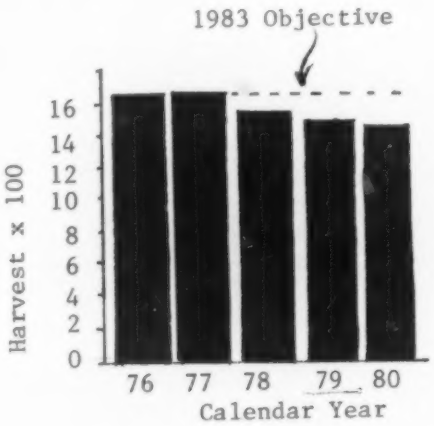
During 1980, 1,413 moose were harvested at a hunter success rate of 84 percent. Seventeen animals were killed on the state's highways. The estimated 1980-1981 post-harvest wintering population was 7,618 animals.

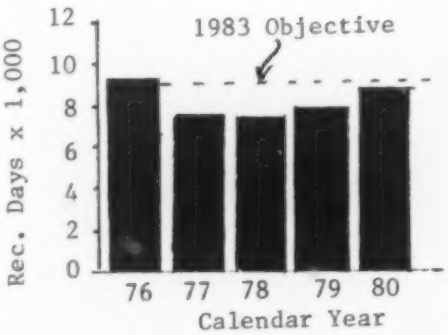
An average of 6.0 days of hunting per animal harvested resulted in a total of 8,456 days afield hunting moose. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Moose hunters expended approximately $79.20 per hunting day and the 8,456 days spent by hunters in pursuit of this species resulted in $674,165 in expenditures throughout the state.

A total of 1,689 moose licenses were sold during the 1980 season. Based upon statewide averages during the initial drawing, there was a demand rate of 9.5 applicants for each license available.

Sales of moose licenses resulted in a total of $164,600 in revenue to the Department. Costs of moose management in Wyoming totaled $217,820 for all activities, resulting in a net cost of $53,220 for the program. The total cost to the Department was $154.15 and the return to the state's economy was $477.12 for each moose harvested.





Five-year trends in the moose program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	1,643	9,397	78%	5.6	2,094	94,250	73,071	453,828
FY78	1,697	7,480	90%	4.4	1,894	85,150	87,403	520,711
FY79	1,503	7,328	84%	4.9	1,789	80,425	112,555	521,709
FY80	1,448	7,750	83%	5.4	1,740	78,100	212,847	557,625
FY81	1,413	8,456	84%	6.0	1,689	164,600	217,820	674,165

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 242 BIGHORN SHEEP FOR HARVEST AT A RATE OF 41 PERCENT SUCCESS AND 17.1 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 4,134 HUNTER RECREATION DAYS ANNUALLY.

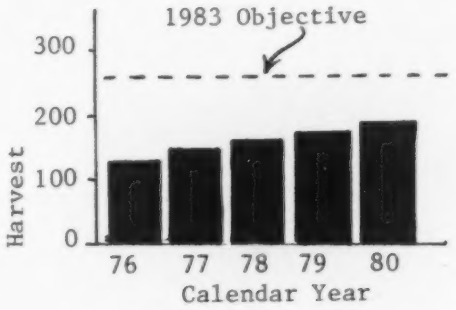
During 1980, 182 Bighorn sheep were harvested at a hunter success rate of 50 percent. The estimated 1980-1981 post-harvest winter population was 4,220 animals.

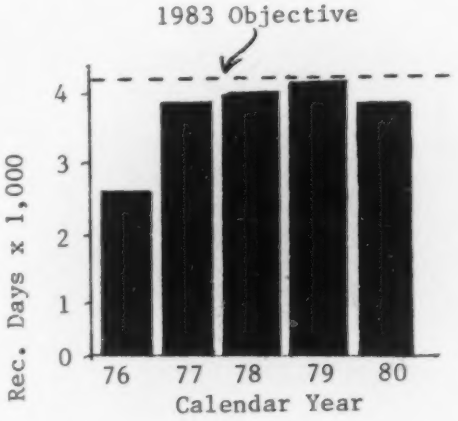
An average of 20.5 days of hunting per animal harvested resulted in a total of 3,726 days afield hunting bighorn sheep. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Bighorn sheep hunters expended approximately $78.79 per hunting day and the 3,726 days spent by hunters in pursuit of this species resulted in $292,611 in expenditures throughout the state.

A total of 364 Bighorn sheep licenses were sold during the 1980 season. Based upon statewide averages during the initial drawing, there was a demand rate of 14 applicants for each license available.

Sales of Bighorn sheep licenses resulted in a total of $50,050 in revenue to the Department. Costs of Bighorn sheep management in Wyoming totaled $288,206 for all activities, resulting in a net cost of $238,156 for the program. The total cost to the Department was $1,583.55 and the return to the state's economy was $1,608 for each Bighorn sheep harvested.





Five-year trends in the Bighorn sheep program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	125	2,663	33%	21.3	381	22,830	357,348	176,713
FY78	147	3,956	38%	26.9	389	23,550	181,252	218,220
FY79	161	4,004	42%	24.9	383	23,250	303,878	229,809
FY80	167	4,105	43%	24.6	387	23,370	309,963	253,836
FY81	182	3,726	50%	20.5	364	50,050	288,206	292,611

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 5 ROCKY MOUNTAIN GOATS FOR HARVEST AT A RATE OF 50 PERCENT SUCCESS AND 15 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 75 HUNTER RECREATION DAYS ANNUALLY.

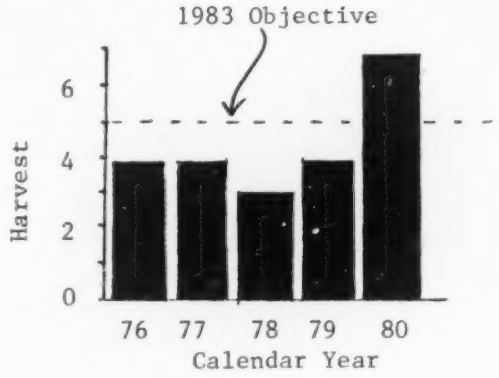
During 1980, 7 mountain goats were harvested at a hunter success rate of 88 percent. The 1980-1981 post-harvest wintering population is presently unknown.

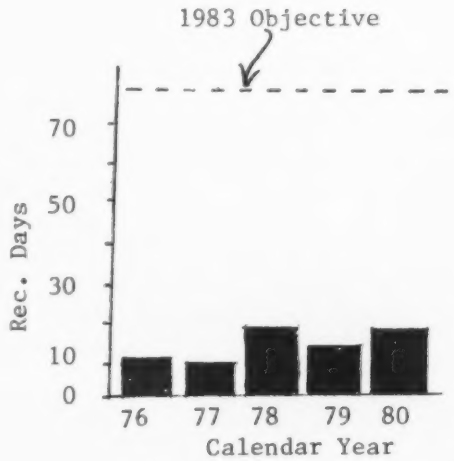
An average of 2.71 days of hunting per animal harvested resulted in a total of 19 days afield hunting mountain goats. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

If mountain goat hunters expended approximately the same per hunting day as sheep hunters ($78.79), the 19 days spent by hunters in pursuit of this species resulted in approximately $1,497 in expenditures throughout the state.

A total of 8 mountain goat licenses were sold during the 1980 season. Based upon statewide averages during the initial drawing, there was a demand of 92 applicants for each license available.

Sales of mountain goat licenses resulted in a total of $1,300 in revenue to the Department. Costs of mountain goat management in Wyoming totaled $61,697 for all activities, resulting in a net cost of $60,397 for the program. The total cost to the Department was $8,813.86 and the return to the state's economy is $214 for each mountain goat harvested.





Five-year trends in the Rocky Mountain Goat program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	4	11	100%	2.8	4	240	12,159	730*
FY78	4	10	100%	2.5	4	240	17,605	551*
FY79	3	20	75%	6.7	4	240	22,559	1,148*
FY80	4	13	100%	3.2	4	240	21,090	804*
FY81	7	19	88%	2.7	8	1,300	61,697	1,497*

*No data exist on which to base these assumptions and hunter expenditure totals are not included in Table 2 in Appendix III.

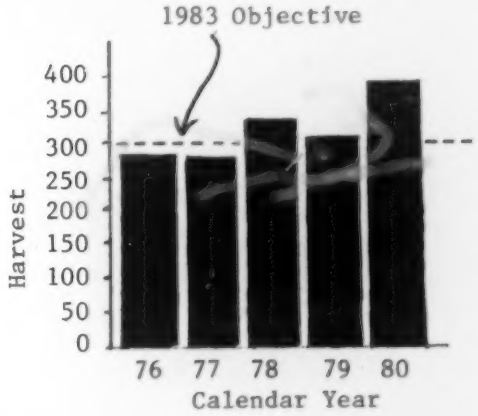
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 300 BLACK BEAR FOR HARVEST AT A RATE OF 10 PERCENT SUCCESS AND 40 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 12,000 HUNTER RECREATION DAYS ANNUALLY.

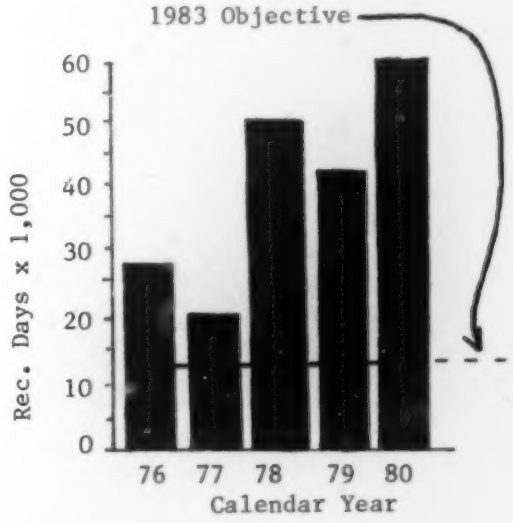
During 1980, 408 black bear were harvested of which 201 were harvested during the spring season and 207 during the fall season. The estimated 1980-1981 post-harvest wintering population was 2,280 animals.

An average of 153.5 days of hunting per animal harvested resulted in a total of 62,612 days afield hunting black bear. No data are available regarding days spent in such nonconsumptive endeavors as observations, photography, nature study, etc.

The 633 nonresident black bear hunters spent approximately $1,195.95 per individual in pursuit of this species. This resulted in approximately $757,039 in expenditures in the state. Total resident expenditures are not known. A total of 1,588* black bear licenses were sold during the 1980 season.

*Sales of black bear licenses resulted in a total of $50,520 in revenue to the Department. Costs of black bear management per se in Wyoming cannot be determined. Management costs for all bear, including grizzly, were $215,137. The return to the state's economy was at least $1,855 for each black bear harvested.





Five-year trends in the black bear program in the state of Wyoming.

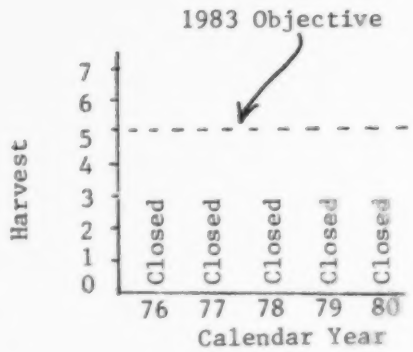
Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	*Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	293	27,772	---	94.8	781	22,330	85,012+	432,042**
FY78	268	20,741	---	77.4	1,055	30,525	95,164+	635,831**
FY79	342	48,183	---	140.9	1,245	36,475	110,833+	838,269**
FY80	311	42,031	---	135.1	1,331	38,830	138,377+	996,209**
FY81	408	62,612	---	153.5	1,588	50,520	215,137+	757,039**

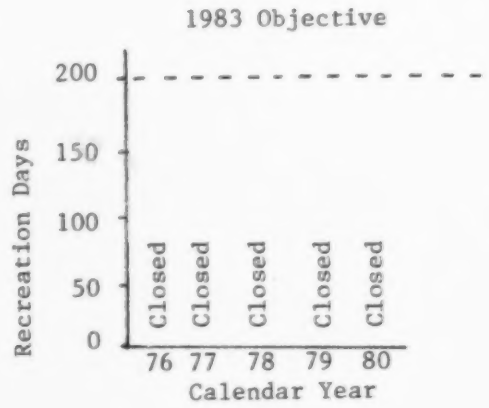
* Sale of bear licenses only. Does not include individuals possessing resident elk licenses which allow these individuals to take black bear also.
** Nonresident bear hunters only.
\+ Includes grizzly bear management.

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 5 GRIZZLY BEAR FOR HARVEST AT A RATE OF 25 PERCENT SUCCESS AND 40 DAYS OF HUNTING PER ANIMAL TAKEN. THIS WILL PRODUCE 200 HUNTER RECREATION DAYS ANNUALLY.

At present, the species is classified as threatened and there is a moratorium on hunting. The estimated 1980-1981 wintering population, exclusive of the Yellowstone National Park population, was 96 grizzly bear. At present, no data are available regarding the number of days spent in nonconsumptive endeavors of observation, photography, nature study, etc. that are directed at this species.

Management costs for all bear species (black and grizzly) totaled $215,137.





Five-year trends in the grizzly bear program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	--	--	--	--	--	--	85,012*	--
FY78	--	--	--	--	--	--	95,164*	--
FY79	--	--	--	--	--	--	110,833*	--
FY80	--	--	--	--	--	--	138,377*	--
FY81	--	--	--	--	--	--	215,137*	--

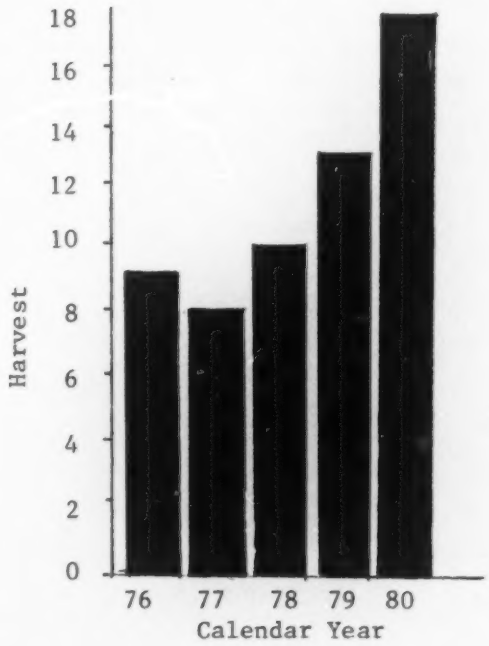
*Management costs include both black and grizzly bear.

OBJECTIVE: THE 1983 OBJECTIVE FOR THIS PROGRAM IS TO ESTIMATE THE NUMBER OF MOUNTAIN LION IN THE STATE AND DETERMINE THE EFFECTS OF HARVEST.

During 1980, 18 mountain lion were harvested at a hunter success rate of 20 percent. The population density of this species in Wyoming is unknown at present.

No data are available regarding recreation days furnished by this species, nor are data available regarding days spent on such nonconsumptive endeavors as observation, photography, nature study, etc.

A total of 90 mountain lion licenses were sold during the 1980 season. Sales of licenses resulted in a total of $2,200 in revenue to the Department. Costs of lion management in Wyoming totaled $180,328 for all activities, resulting in a net cost of $178,128 for the program. The total cost to the Department was $10,018.22 for each lion harvested.

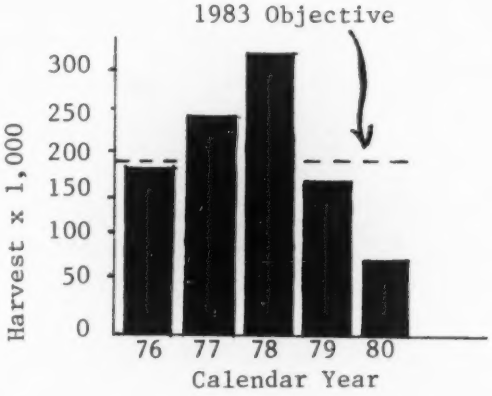


Five-year trends in the mountain lion program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	9	--	25%	--	36	1,040	2,845	--
FY78	8	--	18%	--	44	960	1,008	--
FY79	10	--	16%	--	64	1,440	8,559	--
FY80	13	--	14%	--	90	1,880	73,603	--
FY81	18	--	20%	--	90	2,200	180,328	--

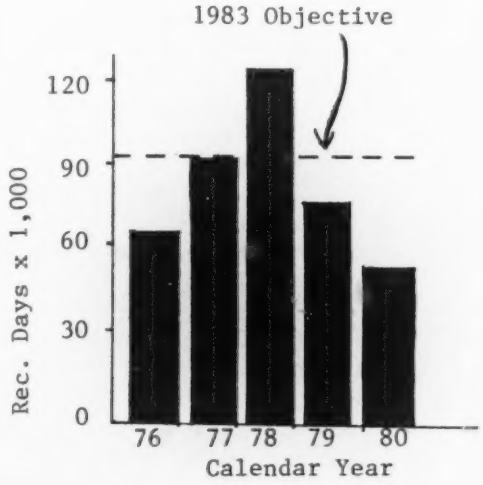
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 169,480 COTTONTAILS, 4,298 SQUIRRELS AND 2,856 SNOWSHOE HARES FOR HARVEST AT A RATE OF 2.0, 1.5 AND 1.0 ANIMALS PER DAY, RESPECTIVELY. THIS WILL PRODUCE ANNUALLY 84,740, 2,865 AND 2,856 HUNTER RECREATION DAYS, RESPECTIVELY.

During 1980, 56,667 cottontails, 2,580 snowshow hares and 3,301 squirrels were harvested at a rate of 5.6, 2.7 and 5.2 animals, respectively per hunter. The average number of animals harvested per day was 1.2, 0.8 and 1.6, respectively. This resulted in a total of 51,236 hunter recreation days of which 45,831 were for cottontail, 3,379 for snowshoe hare and 2,026 for squirrels. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.



Small game hunters expended approximately $40.54 per hunting day and the 51,236 days spent by hunters in pursuit of these species resulted in $2,310,013 in expenditures throughout the state.

A total of 14,141 small game licenses were sold during the 1980 season. Sales of small game licenses resulted in a total of $85,585 in revenue to the Department. Costs of small game management in Wyoming totaled $20,572 for all activities, resulting in a net revenue of $65,013 for the program. The total cost to the Department was 13¢ and the return to the state's economy was $14.64 for each small game animal harvested.



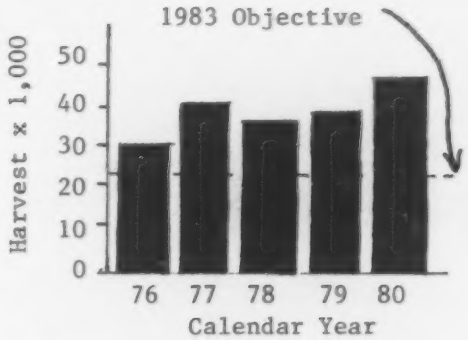
Five-year trends in the small game mammals program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Per Day	No. of Hunters	Lic. ($) Revenue	Mgmt. Costs	Hunter ($) Expend.
FY77	180,297	68,095	11.2	2.6	16,156	65,289	9,388	1,887,913
FY78	253,970	90,686	12.0	2.8	21,226	84,377	16,529	2,686,298
FY79	332,196	122,561	11.7	2.7	28,484	104,670	16,660	3,602,236
FY80	163,425	79,553	8.8	2.1	18,517	79,311	20,595	3,044,713
FY81	62,548	51,236	5.3	1.2	11,755	85,585	20,572	2,310,013

PHEASANTS

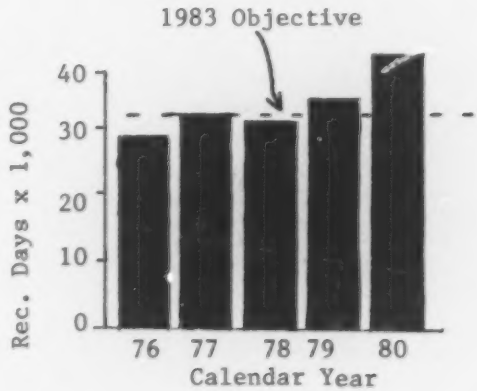
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 22,428 PHEASANTS FOR HARVEST AT A RATE OF 1.8 BIRDS PER LICENSE HOLDER AND .7 BIRDS PER DAY OF HUNTING. THIS WILL PRODUCE 32,040 HUNTER RECREATION DAYS ANNUALLY.

During 1980, 46,449 pheasants were harvested at a rate of 3.7 birds per hunter. An average of 1.08 birds harvested per day of hunting resulted in a total of 42,882 days of pheasant hunting recreation. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.



Bird hunters expended approximately $26.12 per hunting day, and the 42,882 days spent by hunters in pursuit of pheasants resulted in $1,120,256 in expenditures throughout the state.

A total of 12,584 hunters pursued this species during the 1980 season. License sales attributable to this species resulted in $60,092 in revenue to the Department. Costs of pheasant management in Wyoming totaled $374,712 for all activities, resulting in a net cost of $314,620 for the programs. The total cost to the Department was $ 8.07 and the return to the state's economy was $24.12 for each pheasant harvested. In 1980, 15,569 pheasants were raised and released from the Department's bird hatcheries.

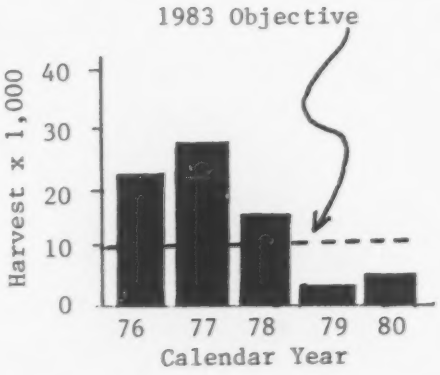


Five-year trends in the pheasant program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Day	No. of Hunters	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	31,454	28,151	3.2	1.1	9,974	---	203,034	533,272
FY78	41,338	32,712	3.6	1.3	11,360	45,588	210,718	714,294
FY79	37,042	29,954	3.3	1.2	11,114	46,757	233,646	701,125
FY80	38,017	34,021	3.4	1.1	11,296	52,120	315,749	903,113
FY81	46,449	42,882	3.7	1.1	12,584	60,092	374,712	1,120,256

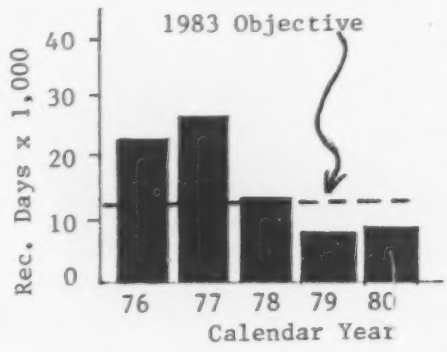
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 7,474 CHUKAR AND 3,766 HUNGARIAN PARTRIDGE FOR HARVEST AT A RATE OF 1.8 BIRDS PER DAY. THIS WILL PRODUCE ANNUALLY 9,342 AND 4,708 HUNTER RECREATION DAYS, RESPECTIVELY.

During 1980, 4,118 chukar and 747 Hungarian partridges were harvested at a rate of 2.3 and 1.0 birds respectively per hunter. The average number of birds harvested per day was 0.7 and 0.3, respectively. This resulted in a total of 8,490 hunter recreation days of which 5,893 were for chukar and 2,597 for Hungarian partridge. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.



Bird hunters expended approximately $26.12 per hunting day and the 8,490 days spent by hunters in pursuit of partridge resulted in $221,794 in expenditures throughout the state.

A total of 2,579 hunters pursued partridge during the 1980 season. Of these, 1,813 and 766 hunters pursued chukar and Hungarian partridge, respectively. License sales attributable to partridge hunting resulted in $30,123 in revenue to the Department. Costs of partridge management in Wyoming totaled $23,112 for all activities, resulting in a net revenue of $7,011 for the program. The total cost to the Department was $4.75 and the return to the state's economy was $45.59 for each partridge harvested. In 1980, 603 chukars were raised and released from the Department's bird hatcheries.



Five-year trends in the partridge program in the state of Wyoming.

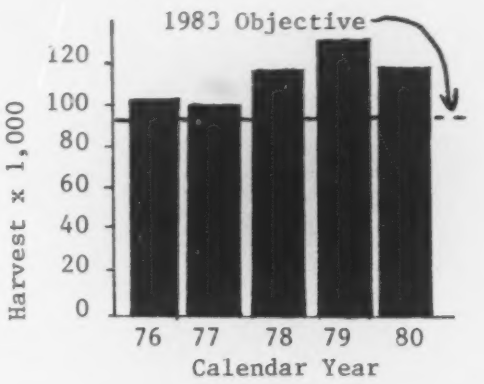
Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Day	No. of Hunters	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	22,741	20,940	3.6	1.09	6,313	---	24,921	398,022
FY78	28,235	24,062	4.1	1.17	6,948	22,829	8,948	523,816
FY79	13,572	13,618	3.1	1.00	4,437	23,438	4,364	321,349
FY80	3,481	7,610	1.4	0.46	2,425	26,127	5,749	204,706
FY81	4,865	8,490	1.9	0.57	2,579	30,123	23,112	221,794

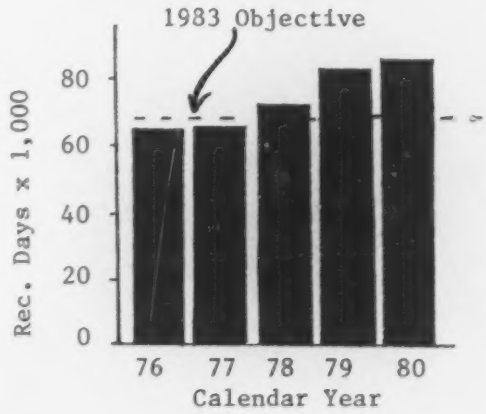
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 70,094 SAGE, 2,320 SHARP-TAILED, 11,970 BLUE AND 6,159 RUFFED GROUSE FOR HARVEST AT A RATE OF 1.7, 1.0, 1.0, AND 1.0 BIRDS PER DAY, RESPECTIVELY. THIS WILL PRODUCE ANNUALLY 41,232, 2,320, 11,970 AND 6,159 HUNTER RECREATION DAYS, RESPECTIVELY.

During 1980, 85,254 sage, 4,056 sharp-tailed, 19,944 blue and 5,215 ruffed grouse were harvested at a rate of 4.2, 4.1, 2.7 and 2.3 birds per hunter, respectively. The average number of animals harvested per day was 1.7, 1.0, 0.9 and 0.7, respectively. This resulted in 48,806 sage, 3,872 sharp-tailed, 23,010 blue and 7,754 ruffed grouse hunter recreation days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Bird hunters expended approximately $26.12 per hunting day and the 83,442 recreation days spent by hunters in pursuit of grouse resulted in $2,179,852 in expenditures throughout the state.

A total of 30,933* hunters pursued these species during the 1980 season. License sales attributable to these species resulted in $114,123 in revenue to the Department. Costs of grouse management in Wyoming totaled $173,782 for all activities, resulting in a net cost of $59,659 for the program. For each grouse harvested, the total cost to the Department was $1.52 and the return to the state's economy was $19.04.





Five-year trends in the grouse program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Day	No. of* Hunters	License Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	108,630	64,299	4.8	1.7	22,821	---	82,512	1,221,117
FY78	96,917	65,932	3.8	1.4	25,203	87,324	114,358	1,438,113
FY79	116,077	73,349	4.4	1.6	26,497	88,797	114,803	1,718,731
FY80	129,786	82,991	4.2	1.6	31,231	98,982	156,643	2,197,575
FY81	114,469	83,442	3.7	1.4	30,933	114,123	173,782	2,179,852

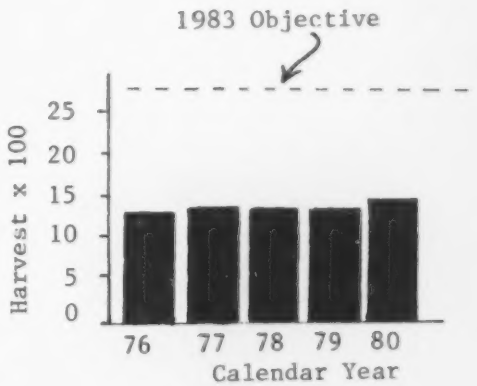
*Hunters pursuing more than one species of grouse are counted for each species hunted resulting in an unknown degree of multiple counting.

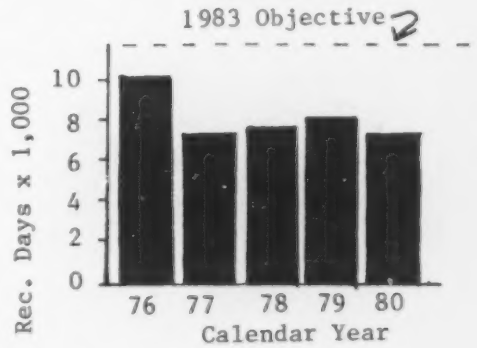
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 2,656 TURKEYS FOR HARVEST AT A RATE OF 39 PERCENT SUCCESS AND 4 DAYS OF HUNTING PER BIRD TAKEN. THIS WILL PRODUCE 10,624 HUNTER RECREATION DAYS ANNUALLY.

During 1980, 1,490 turkeys were harvested at a hunter success rate of 45 percent. An average of 4.6 days of hunting per bird harvested resulted in a total of 6,826 days afield hunting turkey. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Turkey hunters expended approximately $52.18 per hunting day and the 6,826 days spent by hunters in pursuit of this species resulted in $356,097 in expenditures throughout the state.

A total of 3,336 turkey licenses were sold during the 1980 season. Sales of turkey licenses resulted in a total of $31,896 in revenue to the Department. Costs of turkey management in Wyoming totaled $51,900 for all activities, resulting in a net cost of $20,004 for the program. For each turkey harvested, the total cost to the Department was $34.83 and the return to the state's economy was $238.99.





Five-year trends in the turkey program in the state of Wyoming.

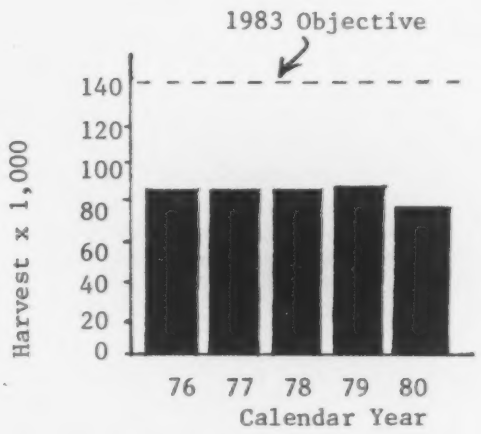
Fiscal Year	Harvest	Rec. Days	Success	Days/ Animal	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	1,259	10,238	28%	8.1	4,514	34,285	33,942	317,632
FY78	1,368	7,235	39%	5.3	3,548	26,890	37,783	289,696
FY79	1,314	7,758	43%	5.9	3,080	23,185	32,824	269,421
FY80	1,318	8,042	39%	6.0	3,454	26,690	40,259	341,668
FY81	1,490	6,826	45%	4.6	3,336	31,896	51,900	356,097

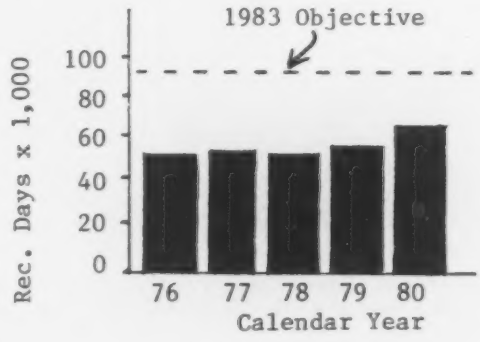
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 136,000 DUCKS FOR HARVEST AT A RATE OF 1.5 DUCKS PER DAY. THIS WILL PRODUCE 90,657 HUNTER RECREATION DAYS.

During 1980, 74,988 ducks were harvested at a rate of 6.2 birds per hunter. An average of 1.2 birds harvested per day of hunting resulted in a total of 63,594 days of duck hunting recreation. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Bird hunters expended approximately $26.12 per hunting day, and 63,594 days spent by hunters in pursuit of ducks resulted in $1,661,339 in expenditures throughout the state.

A total of 12,024 hunters pursued ducks during the 1980 season. License sales attributable to this species resulted in $53,446 in revenue to the Department. Costs of duck management in Wyoming totaled $220,921 for all activities resulting in a net cost of $167,475 for the program. The total cost to the Department was $2.95 and the return to the state's economy was $22.15 for each duck harvested.





Five-year trends in the duck program in the state of Wyoming.

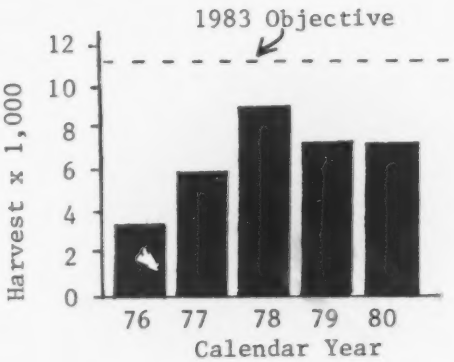
Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Per Day	No. of Hunters	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	80,891	51,610	8.2	1.6	9,919	---	287,220	981,530
FY78	80,296	53,182	7.6	1.5	10,627	40,599	504,360	1,157,157
FY79	81,180	49,912	8.1	1.6	10,050	41,586	170,679	1,168,543
FY80	82,240	55,757	7.5	1.5	10,920	46,355	136,307	1,481,105
FY81	74,988	63,594	6.2	1.2	12,024	53,446	220,921	1,661,339

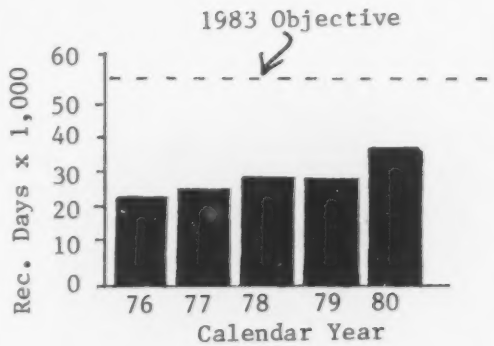
OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO PROVIDE AT LEAST 11,000 GEESE FOR HARVEST AT A RATE OF 1 BIRD PER LICENSE HOLDER AND .2 BIRDS PER DAY OF HUNTING. THIS WILL PRODUCE 55,000 HUNTER RECREATION DAYS ANNUALLY.

During 1980, 6,997 geese were harvested at a rate of 0.98 birds per hunter. An average of 5.2 days of hunting per goose harvested resulted in a total of 36,561 days of goose hunting recreation. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc.

Bird hunters expended approximately $26.12 per hunting day and the 36,561 days spent by hunters in pursuit of geese resulted in $955,125 in expenditures throughout the state.

A total of 7,106 hunters pursued this species during the 1980 season. License sales attributable to this species resulted in $26,400 in revenue to the Department. Costs of goose management in Wyoming totaled $724,751 for all activities, resulting in a net cost of $698,351 for the program. The total cost to the Department was $103.58 and the return to the state's economy was $136.50 for each goose harvested.



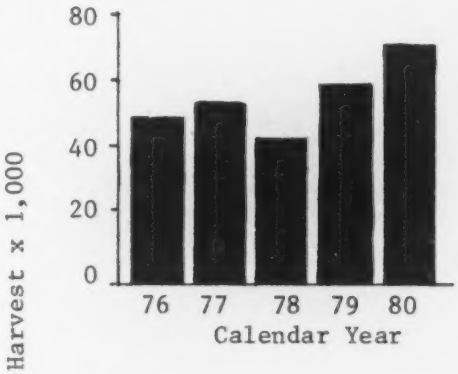


Five-year trends in the goose program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Per Day	No. of Hunters	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	3,366	21,292	.8	.16	4,154	---	320,278	405,751
FY78	5,926	24,748	1.2	.24	5,075	20,034	463,930	538,102
FY79	8,732	27,975	1.4	.31	6,164	20,541	521,037	657,305
FY80	7,036	27,806	1.2	.25	5,699	22,897	650,795	734,532
FY81	6,997	36,561	1.0	.19	7,106	26,400	724,751	955,125

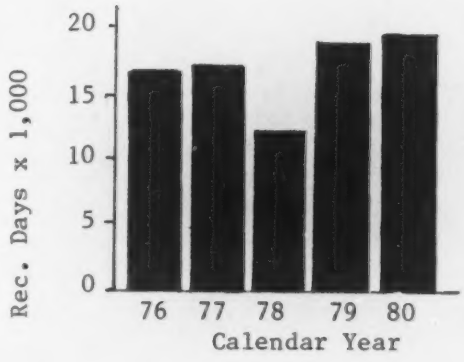
OBJECTIVE: THE 1983 OBJECTIVE FOR THE PROGRAM IS TO DETERMINE THE NUMBER OF SPORT HUNTING DAYS PROVIDED (ACTUAL AND POTENTIAL) BY THIS RESOURCE.

During 1980, 68,636 mourning dove and 0 little brown cranes were harvested at a rate of 11.5 and 0.0 birds per hunter, respectively. An average of 3.5 mourning doves and 0 cranes were harvested per day resulting in 19,436 and 161 hunter recreation days, respectively. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, etc. At present, no information is available concerning rail, snipe and coot harvests.



Bird hunters expended approximately $26.12 per hunting day and the 19,597 days spent by hunters in pursuit of doves and cranes resulted in $511,955 in expenditures throughout the state.

A total of 6,041 hunters pursued cranes and doves during the 1980 season. License sales attributable to these species resulted in $23,538 in revenue to the Department. Management costs for this program in Wyoming totaled $13,476 for all activities resulting in a net revenue of $10,062. The total cost to the Department was $.20 and the return to the state's economy was $7.45 for each bird harvested. The cost to the Department is a maximal figure as rails, snipe and coots are not included in the harvest.

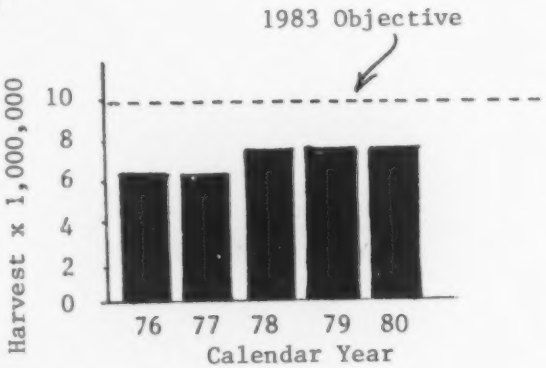


Five-year trends in the other migratory game birds program in the state of Wyoming.

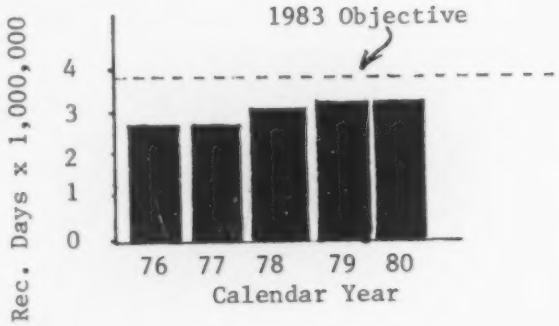
Fiscal Year	Harvest	Rec. Days	Animals/ Hunter	Animals/ Per Day	No. of Hunters	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	54,757	17,199	11.1	3.2	4,919	---	10,072	324,601
FY78	57,226	17,903	11.6	3.2	4,922	17,864	29,369	390,481
FY79	42,250	12,941	10.2	3.3	4,141	18,315	38,345	301,873
FY80	59,310	18,810	10.9	3.2	5,458	20,416	106,718	499,723
FY81	68,636	19,597	11.4	3.5	6,041	23,538	13,476	511,955

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRM ARE TO PROVIDE AT LEAST 9,875,335 FISH FOR HARVEST WHICH MEETS THE STATEWIDE AVERAGE STANDARDS FOR SIZE UNDER THE APPROPRIATE MANAGEMENT CONCEPTS AT AN AVERAGE CATCH OF 2.5 FISH PER DAY. THIS WILL PROVIDE 3,950,134 FISHERMAN RECREATION DAYS.

During 1980, an estimated 7,554,910 fish were harvested from Wyoming waters. An average catch of 2.5 fish per fisherman recreation day resulted in 3,021,964 days spent afield in pursuit of this sport. No data are available regarding the extent to which this resource is used nonconsumptively.



Anglers expended approximately $27.53* per fishing day for a total of $83,187,084* in expenditures throughout the state. A total of 263,194 fishing licenses were sold during the 1980 season. License sales resulted in $2,454,177 in revenue to the Department. Costs of sport fisheries management in Wyoming totaled $6,050,413 for all activities, resulting in a net cost of $3,596,236 for the program. The total cost to the Department was 80¢ and the return to the state's economy was $11.01 for each fish harvested.



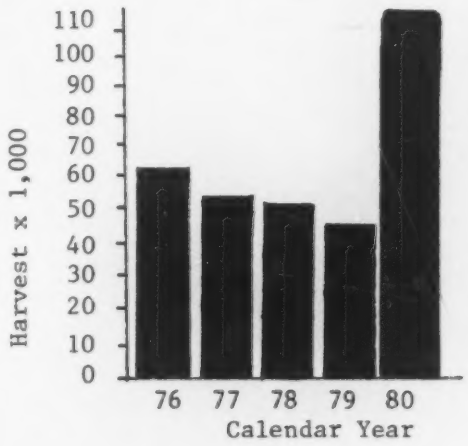
Five-year trends in the sport fisheries program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Fish/ Day	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Fisherman Expend.
FY77	6,430,742	2,572,297	2.5	297,813	1,655,183	3,118,692	44,830,535
FY78	6,433,893	2,573,557	2.5	296,075	1,663,143	3,625,817	56,217,810
FY79	7,409,420	2,963,768	2.5	308,552	1,759,872	3,941,426	65,104,609
FY80	7,544,603	3,017,841	2.5	293,636	1,693,196	4,772,646	75,069,077
FY81	7,554,910	3,021,964	2.5	263,194	2,454,177	6,050,413	83,187,084

*Fisherman expenditures, recreation days and expenditures per day are not directly comparable due to different methodologies being used in the two reports from which these calculations were taken.

OBJECTIVES: THE 1983 OBJECTIVE FOR THE PROGRAM IS TO DETERMINE THE POPULATION STATUS AND HARVEST POTENTIAL FOR EACH SPECIES.

During 1980, an estimated 2,834 bobcat, 19,253 beaver, 10,764 coyote, 13,461 fox, 2,192 mink, 38,453 muskrat, 7,823 raccoon, 5,023 badger, 360 marten, 12,141 skunk and 132 swift fox were harvested. No data are available regarding consumptive recreation days furnished by the resource or by nonconsumptive endeavors as observation, photography, nature study, etc.



A total of 1,902 trapping, 54 fur dealer licenses and 11,377 beaver tags were sold during 1980. Sales of trapping, fur dealer licenses and beaver tags resulted in $47,704 in revenue to the Department. Furs trapped in Wyoming in 1980 were valued at approximately $2,310,747. Costs of furbearer management in Wyoming totaled $80,421 for all activities resulting in a net cost of $32,717 for the program. The total cost to the Department was $.71 and the return to the state's economy was at least $20.42 for each furbearer harvested.

Five-year trends in the furbearer program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Harvest/ Lic. Holder	Animals Day	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs	Value/ Furs Taken
FY77	62,104	--	60.6	--	1,024	11,073	41,501	2,574,028
FY78	55,988	--	41.0	--	1,365	13,969	29,885	1,852,876
FY79	52,775	266,488	41.4	0.2	1,271	12,887	28,630	1,028,642
FY80	44,674	167,791	20.5	0.3	2,174	21,149	80,026	1,028,092
FY81	113,156	473,744	59.5	0.2	1,902	47,704	80,421	2,310,747

OBJECTIVE: THE 1983 OBJECTIVE FOR THE PROGRAM IS TO COMPLETE AN INITIAL ASSESSMENT OF COMMERCIAL FISHERIES POTENTIAL FOR THE MAJOR WATERS OF THE STATE.

During 1980, 29 fishing preserves, 3 commercial fish hatcheries, 183 seining and 34 live bait dealer licenses were sold. License sales resulted in a total of $5,270 in revenue to the Department. Costs of commercial fisheries management in Wyoming totaled $248,589 for all activities resulting in a net cost of $243,319 for the program. The commercial fisheries program at present consists of a research project and the licensing of several activities. There were 0 commercial fishing operations active in Wyoming during 1980.

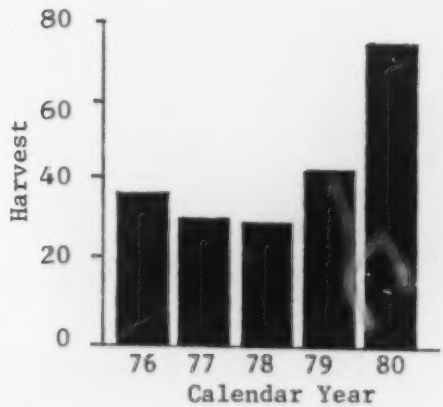
Five-year trends in the commercial fisheries program in the state of Wyoming.

Fiscal Year	Yield (lbs) Commercial Fish	Minnow Harvest Bait Dealers	Minnow Harvest Seining Permits	Rec. Days Fishing Preserves	Lic. Sold	Lic. Rev. ($)	Mgmt. Costs
FY77	---	---	---	---	221	4,275	103,480
FY78	---	---	---	---	227	4,360	141,641
FY79	---	---	---	---	234	4,460	145,249
FY80	---	---	---	---	260	4,635	166,883
FY81	---	---	---	---	249	5,270	248,589

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO INITIATE AND MAINTAIN A CURRENT STATUS AND INVENTORY OF ALL RAPTORS AND ESTIMATE THE RECREATIONAL AND ESTHETIC IMPORTANCE OF THIS SEGMENT OF THE WILDLIFE RESOURCE.

During 1980, 75 raptors were harvested for a success rate of 100 percent for permit holders. No data are available regarding recreation days spent capturing and hunting with falcons, nor are data available on the number of days spent in such non-consumptive endeavors as observation, photography, nature study, etc.

A total of 49 falcon capture permits and 18 hunt with falcon permits were sold during the 1980 season. Sales of licenses resulted in $3,390 in revenue to the Department. Costs of raptor management in Wyoming totaled $71,001 for all activities, resulting in a net cost of $67,611 for the program. The total cost to the Department was $946.68 for each falcon captured.



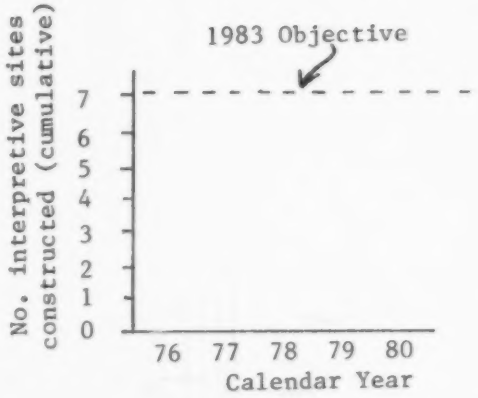
Five-year trends in the raptor program in the state of Wyoming.

Fiscal Year	Harvest	Rec. Days	Success*	Days/ Animal	Licenses** Sold	Lic. Rev. ($)	Mgmt. Costs	Hunter ($) Expend.
FY77	36	--	65%	--	61	3,630	8,457	--
FY78	28	--	93%	--	39	1,925	36,532	--
FY79	26	--	84%	--	45	2,130	65,014	--
FY80	42	--	100%	--	47	2,125	79,375	--
FY81	75	--	100%	--	67	3,390	71,001	--

* Based on capture permits issued.
**Includes permits to hunt with falcon.

OBJECTIVES: THE 1983 OBJECTIVES FOR THE PROGRAM ARE TO MEET THE OBJECTIVES AS STATED UNDER LICENSED USE PROGRAMS WHERE APPLICABLE, DEVELOP AT LEAST 7 ADDITIONAL, INTERPRETIVE SITES FOR THE NONCONSUMPTIVE USE OF WILDLIFE IN ITS NATURAL HABITAT, INITIATE AND MAINTAIN A CURRENT STATUS AND INVENTORY OF ALL NONGAME WILDLIFE AND ESTIMATE THE RECREATIONAL AND ESTHETIC IMPORTANCE OF THIS SEGMENT OF THE WILDLIFE RESOURCE.

During 1980, no interpretive sites were developed under this program. Costs of nongame management in Wyoming totaled $401,998 for all activities and species. No data are available regarding days spent in such nonconsumptive endeavors as observation, photography, nature study, etc. The Department's fish hatcheries, Sybille Game Research Unit and Sinks Canyon are considered to be existing interpretive sites.



Five-year trends in the nonlicensed uses of wildlife program in the state of Wyoming.

Fiscal Year	Recreation Days	Management Costs	Expenditures in State
FY77	---	246,367	---
FY78	---	342,952	---
FY79	---	370,142	---
FY80	---	422,923	---
FY81	---	401,998	---

APPENDIX I - HARVEST SURVEY

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

	AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
				BUCK	DOE	FAWN	TOTAL			
1	Crook	201	190	119	45	6	170	89.5	419	2.5
	Resident	38	32	17	5	0	22	68.8	49	2.2
	Nonresident	163	158	102	40	6	148	93.7	370	2.5
2	Bearlodge	82	26	8	6	0	14	53.8	61	4.4
	Resident	44	9	3	0	0	3	33.3	23	7.7
	Nonresident	38	17	5	6	0	11	64.7	38	3.5
3	Keyhole	51	52	25	18	2	45	86.5	104	2.3
	Resident	16	15	7	5	0	12	80.0	25	2.1
	Nonresident	35	37	18	13	2	33	89.2	79	2.4
4	Arch Creek	208	198	116	53	3	172	86.9	470	2.7
	Resident	70	62	29	16	1	46	74.2	119	2.6
	Nonresident	138	136	87	37	2	126	92.6	351	2.8
5	Inyan Kara	74	51	21	10	0	31	60.8	135	4.4
	Resident	42	25	9	2	0	11	44.0	66	6.0
	Nonresident	32	26	12	8	0	20	76.9	69	3.5
6	South Newcastle	1375	872	478	111	7	596	68.3	1702	2.9
	Resident	602	393	174	42	0	216	55.0	708	3.3
	Nonresident	773	479	304	69	7	380	79.3	994	2.6
7	South Upton	1375	857	463	139	14	616	71.9	1715	2.8
	Resident	602	408	200	72	11	283	69.4	684	2.4
	Nonresident	773	449	263	67	3	333	74.2	1031	3.1
8	Niobrara	1223	1129	726	287	39	1052	93.2	2603	2.5
	Resident	346	296	118	122	22	262	88.5	491	1.9
	Nonresident	877	833	608	165	17	790	94.8	2112	2.7
9	Lance Creek	567	530	265	170	44	479	90.4	1308	2.7
	Resident	171	153	41	54	23	118	77.1	283	2.4
	Nonresident	396	377	224	116	21	361	95.8	1025	2.8
10	Northeast Lusk	91	87	39	25	7	71	81.6	181	2.5
	Resident	31	28	9	9	5	23	82.1	36	1.6
	Nonresident	60	59	30	16	2	48	81.4	145	3.0
11	South Lusk	97	87	36	38	6	80	92.0	211	2.6
	Resident	38	36	12	19	2	33	91.7	75	2.3
	Nonresident	59	51	24	19	4	47	92.2	136	2.9
12	South Keeline	317	233	112	62	12	186	79.8	441	2.4
	Resident	128	82	24	26	7	57	69.5	131	2.3
	Nonresident	189	151	88	36	5	129	85.4	310	2.4
13	Jay Em	475	389	195	96	2	293	75.3	766	2.6
	Resident	392	314	165	73	2	240	76.4	597	2.5
	Nonresident	83	75	30	23	0	53	70.7	169	3.2

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
14 Meadowdale	317	115	48	27	2	77	67.0	197	2.6
Resident	128	61	29	13	2	44	72.1	94	2.1
Nonresident	189	54	19	14	0	33	61.1	103	3.1
15 Clearmont	699	626	309	180	27	516	82.4	1255	2.4
Resident	547	487	234	133	22	389	79.9	825	2.1
Nonresident	152	139	75	47	5	127	91.4	430	3.4
16 Ucross	570	521	310	119	14	443	85.0	1170	2.6
Resident	268	245	103	81	14	198	80.8	481	2.4
Nonresident	302	276	207	38	0	245	88.8	689	2.8
17 Gillette	581	537	393	66	11	470	87.5	1278	2.7
Resident	197	180	95	40	11	146	81.1	334	2.3
Nonresident	384	357	298	26	0	324	90.8	944	2.9
18 Rockypoint	121	109	89	11	1	101	92.7	289	2.9
Resident	19	13	12	0	0	12	92.3	24	2.0
Nonresident	102	96	77	11	1	89	92.7	265	3.0
19 Rozet	184	174	115	27	7	149	85.6	363	2.4
Resident	62	53	31	11	3	45	84.9	90	2.0
Nonresident	122	121	84	16	4	104	86.0	273	2.6
20 Upper Powder River	895	826	323	259	48	630	76.3	2009	3.2
Resident	171	142	36	51	6	93	65.5	199	2.1
Nonresident	724	684	287	208	42	537	78.5	1810	3.4
21 Middle Fork	586	522	265	143	18	426	81.6	1440	3.4
Resident	159	127	45	29	2	76	59.8	287	3.8
Nonresident	427	395	220	114	16	350	88.6	1153	3.3
22 Crazy Woman	1337	1280	792	316	56	1164	90.9	2474	2.1
Resident	617	577	302	183	29	514	89.1	822	1.6
Nonresident	720	703	490	133	27	650	92.5	1642	2.5
23 Pumpkin Buttes	2061	1841	973	571	128	1672	90.8	3442	2.1
Resident	1021	898	307	379	91	777	86.5	1336	1.7
Nonresident	1040	943	666	192	37	895	94.9	2106	2.4
24 Thunder Basin	497	454	202	197	8	407	89.6	846	2.1
Resident	265	234	55	140	0	195	83.3	415	2.1
Nonresident	232	220	147	57	8	212	96.4	431	2.0
25 Ormsby	893	788	317	327	48	692	87.8	1280	1.8
Resident	774	682	241	304	43	588	86.2	1098	1.9
Nonresident	119	106	76	23	5	104	98.1	182	1.8
26 Bear Creek	1926	1795	1174	452	93	1719	95.8	2713	1.6
Resident	1029	954	510	346	61	917	96.1	1083	1.2
Nonresident	897	841	664	106	32	802	95.4	1630	2.0

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
27 Bill	1451	1410	927	345	53	1325	94.0	3077	2.3
Resident	501	477	229	173	42	444	93.1	590	1.3
Nonresident	950	933	698	172	11	881	94.4	2487	2.8
28 Sage Creek	766	707	435	205	33	673	95.2	1216	1.8
Resident	405	370	162	154	28	344	93.0	499	1.5
Nonresident	361	337	273	51	5	329	97.6	717	2.2
29 Shawnee	367	350	185	128	20	333	95.1	597	1.8
Resident	242	221	103	87	16	206	93.2	351	1.7
Nonresident	125	129	82	41	4	127	98.4	246	1.9
30 South Converse	284	258	118	97	9	224	86.8	581	2.6
Resident	114	100	36	38	1	75	75.0	197	2.6
Nonresident	170	158	82	59	8	149	94.3	384	2.6
31 Hat Six	798	763	357	285	67	709	92.9	1062	1.5
Resident	696	660	279	264	67	610	92.4	858	1.4
Nonresident	102	103	78	21	0	99	96.1	204	2.1
32 Lower Bates Creek	970	358	164	55	8	227	63.4	609	2.7
Resident	811	276	115	42	6	163	59.1	479	2.9
Nonresident	159	82	49	13	2	64	78.0	130	2.0
33 Upper Bates Creek	970	739	337	207	62	606	82.0	1130	1.9
Resident	811	645	277	201	62	540	83.7	965	1.8
Nonresident	159	94	60	6	0	66	70.2	165	2.5
434 Rock Eagle	254	160	99	24	2	125	78.1	457	3.7
Resident	244	116	63	19	2	84	72.4	328	3.9
Nonresident	10	44	36	5	0	41	93.2	129	3.1
35 Horse Creek	200	428	140	202	17	359	83.9	840	2.3
Resident	166	383	114	187	17	318	83.0	709	2.2
Nonresident	34	45	26	15	0	41	91.1	131	3.2
36 Burns	403	365	246	60	10	316	86.6	829	2.6
Resident	369	334	220	58	10	288	86.2	750	2.6
Nonresident	34	31	26	2	0	28	90.3	79	2.8
37 Harriman	231	223	137	36	5	178	79.8	512	2.9
Resident	158	150	84	26	5	115	76.7	319	2.8
Nonresident	73	73	53	10	0	63	86.3	193	3.1
38 Federal	574	549	232	181	53	466	84.9	888	1.9
Resident	498	477	187	166	52	405	84.9	707	1.7
Nonresident	76	72	45	15	1	61	84.7	181	3.0
39 Bluegrass	836	758	453	192	19	664	87.6	1497	2.3
Resident	609	540	270	173	19	462	85.6	945	2.0
Nonresident	227	218	183	19	0	202	92.7	552	2.7

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
40 East Laramie	252	246	120	68	17	205	83.3	469	2.3
Resident	189	180	78	49	17	144	80.0	333	2.3
Nonresident	63	66	42	19	0	61	92.4	136	2.2
41 Laramie Peak	640	588	326	195	24	545	92.7	947	1.7
Resident	454	401	178	165	21	364	90.8	527	1.4
Nonresident	186	187	148	30	3	181	96.8	420	2.3
42 Laramie Plains	653	629	509	60	14	583	92.7	991	1.7
Resident	490	470	357	58	14	429	91.3	666	1.6
Nonresident	163	159	152	2	0	154	96.9	325	2.1
43 Copper Lake	313	313	239	40	13	292	93.3	560	1.9
Resident	215	218	153	35	11	199	91.3	329	1.7
Nonresident	98	95	86	5	2	93	97.9	231	2.5
44 South Laramie	246	236	160	41	4	205	86.9	478	2.3
Resident	184	175	113	34	4	151	86.3	350	2.3
Nonresident	62	61	47	7	0	54	88.5	128	2.4
45 West Laramie	516	477	319	79	14	412	86.4	919	2.2
Resident	400	374	234	67	14	315	84.2	673	2.1
Nonresident	116	103	85	12	0	97	94.2	246	2.5
46 Kyle	793	762	526	172	28	726	95.3	1124	1.5
Resident	573	552	349	148	25	522	94.6	707	1.4
Nonresident	220	210	177	24	3	204	97.1	417	2.0
47 Shirley Basin	2166	2070	1390	495	82	1967	95.0	2418	1.2
Resident	1663	1589	991	436	82	1509	95.0	1647	1.1
Nonresident	503	481	399	59	0	458	95.2	771	1.7
48 Leo-Hanna	2575	2444	1648	512	92	2252	92.1	3859	1.7
Resident	1552	1483	885	374	87	1346	90.8	1895	1.4
Nonresident	1023	961	763	138	5	906	94.3	1964	2.2
49 Wagonhound	31	28	21	0	0	21	75.0	100	4.8
Resident	6	4	3	0	0	3	75.0	4	1.3
Nonresident	25	24	18	0	0	18	75.0	96	5.3
50 Cedar Creek	955	904	412	340	84	836	92.5	1397	1.7
Resident	610	587	229	230	66	525	89.4	828	1.6
Nonresident	345	317	183	110	18	311	98.1	569	1.8
51 Big Creek	74	71	64	3	0	67	94.4	160	2.4
Resident	22	19	14	2	0	16	84.2	46	2.9
Nonresident	52	52	50	1	0	51	98.1	114	2.2

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
52 Spring Creek	794	727	417	197	43	657	90.4	1108	1.7
Resident	581	529	295	145	26	466	88.1	784	1.7
Nonresident	213	198	122	52	17	191	96.5	324	1.7
53 Baggs	891	837	476	290	28	794	94.9	1410	1.8
Resident	533	491	246	188	25	439	93.5	704	1.5
Nonresident	358	346	230	102	3	335	96.8	706	2.1
54 Echo Springs	988	358	148	48	0	196	54.7	443	2.3
Resident	800	305	111	44	0	155	50.8	320	2.1
Nonresident	188	53	37	4	0	41	77.4	123	3.0
55 South Rawlins	1194	1126	735	299	37	1071	95.1	1711	1.6
Resident	832	799	470	255	33	758	94.9	1128	1.5
Nonresident	362	327	265	44	4	313	95.7	583	1.9
56 Iron Springs	400	347	310	14	0	324	93.4	795	2.5
Resident	98	78	52	5	0	57	73.1	121	2.1
Nonresident	302	269	258	9	0	267	99.3	674	2.5
57 South Wamsutter	988	833	473	164	28	665	79.8	1245	1.9
Resident	800	680	368	150	17	535	78.7	892	1.7
Nonresident	188	153	105	14	11	130	85.0	353	2.7
58 Black Butte-Kenny Rim	500	455	339	78	15	432	94.9	822	1.9
Resident	411	368	263	70	15	348	94.6	642	1.8
Nonresident	89	87	76	8	0	84	96.6	180	2.1
59 South Rock Springs Pine Mt.	646	624	358	182	27	567	90.9	900	1.6
Resident	544	522	274	173	24	471	90.2	698	1.5
Nonresident	102	102	84	9	3	96	94.1	202	2.1
60 Table Rock	457	419	282	82	14	378	90.2	665	1.8
Resident	382	349	222	77	14	313	89.7	482	1.5
Nonresident	75	70	60	5	0	65	92.9	183	2.8
61 Chain Lakes	837	792	532	206	7	745	94.1	1202	1.6
Resident	702	669	422	193	7	622	93.0	953	1.5
Nonresident	135	123	110	13	0	123	100.0	249	2.0
62 South Ferris	1388	1332	642	499	57	1198	89.9	1929	1.6
Resident	1163	1113	491	438	57	986	88.6	1533	1.6
Nonresident	225	219	151	61	0	212	96.8	396	1.9
63 North Ferris	858	818	585	162	16	763	93.3	1387	1.8
Resident	560	524	326	135	16	477	91.0	750	1.6
Nonresident	298	294	259	27	0	286	97.3	637	2.2
64 Bison Basin	485	468	336	96	12	444	94.9	672	1.5
Resident	415	401	275	92	12	379	94.5	529	1.4
Nonresident	70	67	61	4	0	65	97.0	143	2.2

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
65 South Pass	272	246	164	50	4	218	88.6	398	1.8
Resident	240	218	139	49	4	192	88.1	341	1.8
Nonresident	32	28	25	1	0	26	92.9	57	2.2
66 Lander	327	302	169	93	12	274	90.7	432	1.6
Resident	284	259	138	84	12	234	90.3	339	1.4
Nonresident	43	43	31	9	0	40	93.0	93	2.3
67 Sand Draw	498	467	365	78	7	450	96.4	578	1.3
Resident	430	411	309	78	7	394	95.9	488	1.2
Nonresident	68	56	56	0	0	56	100.0	90	1.6
68 Split Rock	605	578	352	185	11	548	94.8	750	1.4
Resident	522	501	283	181	11	475	94.8	606	1.3
Nonresident	83	77	69	4	0	73	94.8	144	2.0
69 South Rattle-snake	200	191	167	2	0	169	88.5	253	1.5
Resident	160	153	131	2	0	133	86.9	189	1.4
Nonresident	40	38	36	0	0	36	94.7	64	1.8
70 Kendrick	298	266	141	95	5	241	90.6	426	1.8
Resident	252	229	109	92	5	206	90.0	376	1.8
Nonresident	46	37	32	3	0	35	94.6	50	1.4
71 East Poison Spider	400	377	257	108	0	365	96.8	544	1.5
Resident	337	318	206	106	0	312	98.1	418	1.3
Nonresident	63	59	51	2	0	53	89.8	126	2.4
72 West Poison Spider	398	365	263	80	9	352	96.4	499	1.4
Resident	331	309	217	75	9	301	97.4	404	1.3
Nonresident	67	56	46	5	0	51	91.1	95	1.9
73 Powder River	499	478	261	163	35	459	96.0	654	1.4
Resident	427	408	207	147	35	389	95.3	544	1.4
Nonresident	72	70	54	16	0	70	100.0	110	1.6
74 Deer Creek	277	254	175	65	2	242	95.3	279	1.2
Resident	236	214	138	65	2	205	95.8	216	1.1
Nonresident	41	40	37	0	0	37	92.5	63	1.7
75 Badwater	551	519	333	134	9	476	91.7	794	1.7
Resident	465	436	256	130	9	395	90.6	643	1.6
Nonresident	86	83	77	4	0	81	97.6	151	1.9
76 Copper Mountain	354	337	235	48	8	291	86.4	722	2.5
Resident	286	270	187	37	7	231	85.6	552	2.4
Nonresident	68	67	48	11	1	60	89.6	170	2.8
77 Fifteen Mile Creek	258	240	187	25	1	213	88.7	623	2.9
Resident	205	187	148	20	0	168	89.8	434	2.6
Nonresident	53	53	39	5	1	45	84.9	189	4.2

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
78 McCullough Peaks	201	193	149	20	0	169	87.6	431	2.6
Resident	161	156	117	17	0	134	85.9	368	2.7
Nonresident	40	37	32	3	0	35	94.6	63	1.8
79 Crystal Creek	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
80 Badger Basin	200	188	107	51	9	167	88.8	305	1.8
Resident	169	159	87	51	9	147	92.5	229	1.6
Nonresident	31	29	20	0	0	20	69.0	76	3.8
81 South Fork	705	656	343	254	10	607	92.5	962	1.6
Resident	571	538	274	217	9	500	92.9	749	1.5
Nonresident	134	118	69	37	1	107	90.7	213	2.0
82 Greybull-Wood River	857	800	439	184	17	640	80.0	1432	2.2
Resident	617	577	290	137	11	438	75.9	951	2.2
Nonresident	240	223	149	47	6	202	90.6	481	2.4
83 Owl Creek	99	89	54	20	0	74	83.1	162	2.2
Resident	79	69	37	17	0	54	78.3	127	2.4
Nonresident	20	20	17	3	0	20	100.0	35	1.8
84 Wind River	49	46	39	3	0	42	91.3	65	1.5
Resident	39	36	30	3	0	33	91.7	51	1.5
Nonresident	10	10	9	0	0	9	90.0	14	1.6
85 Gros Ventre	28	21	11	5	1	17	81.0	34	2.0
Resident	27	20	10	5	1	16	80.0	31	1.9
Nonresident	1	1	1	0	0	1	100.0	3	3.0
86 Hoback	50	55	34	5	0	39	70.9	141	3.6
Resident	40	43	33	4	0	37	86.0	108	2.9
Nonresident	10	12	1	1	0	2	16.7	33	16.5
87 Pinedale	508	479	335	77	6	418	87.3	864	2.1
Resident	403	384	258	67	6	331	86.2	662	2.0
Nonresident	105	95	77	10	0	87	91.6	202	2.3
88 Beaver	199	172	72	78	5	155	90.1	290	1.9
Resident	171	146	59	69	5	133	91.1	245	1.8
Nonresident	28	26	13	9	0	22	84.6	45	2.0
89 Piney	591	538	222	215	30	467	86.8	898	1.9
Resident	493	449	157	201	28	386	86.0	721	1.9
Nonresident	98	89	65	14	2	81	91.0	177	2.2
90 Yellow Point	205	189	173	2	0	175	92.6	361	2.1
Resident	166	152	137	2	0	139	91.4	275	2.0
Nonresident	39	37	36	0	0	36	97.3	86	2.4

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
91 Eden	1102	1063	472	403	52	927	87.2	1787	1.9
Resident	957	933	376	380	50	806	86.4	1534	1.9
Nonresident	145	130	96	23	2	121	93.1	253	2.1
92 Dry Lake	205	199	87	46	11	144	72.4	420	2.9
Resident	182	178	70	45	11	126	70.8	382	3.0
Nonresident	23	21	17	1	0	18	85.7	38	2.1
93 West Green River	690	660	442	124	17	583	88.3	1165	2.0
Resident	559	541	341	112	17	470	86.9	913	1.9
Nonresident	131	119	101	12	0	113	95.0	252	2.2
94 Carter Lease	1757	1651	620	744	118	1482	89.8	2869	1.9
Resident	1545	1451	482	700	118	1300	89.6	2427	1.9
Nonresident	212	200	138	44	0	182	91.0	442	2.4
95 Cedar Mountain	604	566	321	182	14	517	91.3	973	1.9
Resident	517	485	251	174	14	439	90.5	811	1.8
Nonresident	87	81	70	8	0	78	96.3	162	2.1
96 West Farson	295	283	156	75	9	240	84.8	578	2.4
Resident	240	230	113	72	9	194	84.3	488	2.5
Nonresident	55	53	43	3	0	46	86.8	90	2.0
97 Boysen	50	46	41	0	0	41	89.1	74	1.8
Resident	49	46	41	0	0	41	89.1	74	1.8
Nonresident	1	0	0	0	0	0	0.0	0	0.0
98 Sage	323	107	32	61	7	100	93.5	139	1.4
Resident	276	102	28	61	7	96	94.1	133	1.4
Nonresident	47	5	4	0	0	4	80.0	6	1.5
99 Uinta	492	463	191	212	27	430	92.9	964	2.2
Resident	437	421	151	211	27	389	92.4	868	2.2
Nonresident	55	42	40	1	0	41	97.6	96	2.3
100 Bear River Divide	323	189	99	65	9	173	91.5	350	2.0
Resident	276	149	70	57	6	133	89.3	294	2.2
Nonresident	47	40	29	8	3	40	100.0	56	1.4
101 Little Thunder	104	102	88	3	3	94	92.2	255	2.7
Resident	39	39	30	2	3	35	89.7	110	3.1
Nonresident	65	63	58	1	0	59	93.7	145	2.5
102 Buffalo	186	165	78	47	13	138	83.6	387	2.8
Resident	62	47	22	17	0	39	83.0	67	1.7
Nonresident	124	118	56	30	13	99	83.9	320	3.2
103 Dwyer	293	274	132	49	10	191	69.7	548	2.9
Resident	246	238	111	46	10	167	70.2	435	2.6
Nonresident	47	36	21	3	0	24	66.7	113	4.7

Table 1 - Antelope Licenses, Harvest, Hunting Pressure and Hunter Success by Area for 1980.

AREA	LICENSES	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
104 Crow Creek	582	527	194	155	34	383	72.7	917	2.4
Resident	478	430	150	134	32	316	73.5	670	2.1
Nonresident	106	97	44	21	2	67	69.1	247	3.7
105 Boxelder	603	522	264	173	25	462	88.5	943	2.0
Resident	368	306	112	124	20	256	83.7	505	2.0
Nonresident	235	216	152	49	5	206	95.4	438	2.1
State Totals	56911	54124	31374	14473	2147	47994	88.7	95144	2.0
Resident	38389	36373	18651	11297	1765	31713	87.2	55391	1.7
Nonresident	18522	17751	12723	3176	382	16281	91.7	39753	2.4

Table 2 - Antelope Harvest, Licenses, Success, and Hunter Days by Herd Unit.

	HERD UNIT	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
1	North Black Hills	551	356	107	16	479	86.9	1236	2.6
	Resident	122	70	21	3	94	77.0	211	2.2
	Nonresident	429	286	86	13	385	89.7	1025	2.7
2	South Black Hills	249	137	63	3	203	81.5	605	3.0
	Resident	87	38	18	1	57	65.5	185	3.2
	Nonresident	162	99	45	2	146	90.1	420	2.9
3	Thunder Basin	1308	941	250	21	1212	92.7	3417	2.8
	Resident	559	374	114	11	499	89.3	1392	2.8
	Nonresident	749	567	136	10	713	95.2	2025	2.8
4	Lance Creek	3507	2142	955	163	3260	93.0	7766	2.4
	Resident	1175	500	445	108	1053	89.6	1751	1.7
	Nonresident	2332	1642	510	55	2207	94.6	6015	2.7
5	Meadowdale	775	391	223	22	636	82.1	1615	2.5
	Resident	468	230	131	13	374	79.9	897	2.4
	Nonresident	307	161	92	9	262	85.3	718	2.7
6	Powder River	1685	1012	365	52	1429	84.8	3703	2.6
	Resident	913	432	254	47	733	80.3	1640	2.2
	Nonresident	772	580	111	5	696	90.2	2063	3.0
7	Upper Powder River	1513	666	449	79	1194	78.9	3836	3.2
	Resident	316	103	97	8	208	65.8	553	2.7
	Nonresident	1197	563	352	71	986	82.4	3283	3.3
8	Pumpkin Buttes	3678	2055	1087	195	3337	90.7	7017	2.1
	Resident	1749	694	704	123	1521	87.0	2683	1.8
	Nonresident	1929	1361	383	72	1816	94.1	4334	2.4
9	Bear Creek	1795	1174	452	93	1719	95.8	2713	1.6
	Resident	954	510	346	61	917	96.1	1083	1.2
	Nonresident	841	664	106	32	802	95.4	1630	2.0
10	Ormsby	788	317	327	48	692	87.8	1280	1.8
	Resident	682	241	304	43	588	86.2	1098	1.9
	Nonresident	106	76	23	5	104	98.1	182	1.8
11	Sage Creek	707	435	205	33	673	95.2	1216	1.8
	Resident	370	162	154	28	344	93.0	499	1.5
	Nonresident	337	273	51	5	329	97.6	717	2.2
12	Boxelder	522	264	173	25	462	88.5	943	2.0
	Resident	306	112	124	20	256	83.7	505	2.0
	Nonresident	216	152	49	5	206	95.4	438	2.1
13	La Bonte	235	108	89	8	205	87.2	531	2.6
	Resident	91	33	35	1	69	75.8	180	2.6
	Nonresident	144	75	54	7	136	94.4	351	2.6

Table 2 - Antelope Harvest, Licenses, Success, and Hunter Days by Herd Unit.

HERD UNIT	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BUCK	DOE	FAWN	TOTAL			
14 Dwyer	297	142	57	11	210	70.7	598	2.8
Resident	247	114	49	10	173	70.0	452	2.6
Nonresident	50	28	8	1	37	74.0	146	3.9
15 Bates Hole-Hat Six	1654	858	547	137	1542	93.2	2801	1.8
Resident	1406	671	507	135	1313	93.4	2302	1.8
Nonresident	248	187	40	2	229	92.3	499	2.2
16 Hawk Springs	809	389	262	25	676	83.6	1801	2.7
Resident	702	311	241	25	577	82.2	1493	2.6
Nonresident	107	78	21	0	99	92.5	308	3.1
17 Chalk Bluffs	143	96	24	4	124	86.7	325	2.6
Resident	131	86	23	4	113	86.3	294	2.6
Nonresident	12	10	1	0	11	91.7	31	2.8
18 Centennial	935	616	156	23	795	85.0	1909	2.4
Resident	699	431	127	23	581	83.1	1342	2.3
Nonresident	236	185	29	0	214	90.7	567	2.6
19 Iron Mountain	2079	999	596	123	1716	82.6	3771	2.2
Resident	1627	685	522	120	1327	81.6	2655	2.0
Nonresident	452	314	74	3	391	86.5	1116	2.9
20 Medicine Bow	6492	4399	1434	240	6073	93.5	9339	1.5
Resident	4494	2760	1181	229	4170	92.8	5442	1.3
Nonresident	1998	1639	253	11	1903	95.2	3897	2.0
21 Copper Lake	313	239	40	13	292	93.3	560	1.9
Resident	218	153	35	11	199	91.3	329	1.7
Nonresident	95	86	5	2	93	97.9	231	2.5
22 Elk Mountain	932	433	340	84	857	92.0	1497	1.7
Resident	591	232	230	66	528	89.3	832	1.6
Nonresident	341	201	110	18	329	96.5	665	2.0
23 Big Creek	71	64	3	0	67	94.4	160	2.4
Resident	19	14	2	0	16	84.2	46	2.9
Nonresident	52	50	1	0	51	98.1	114	2.2
24 Iron Springs	1409	946	300	54	1300	92.3	2411	1.9
Resident	844	487	226	36	749	88.7	1240	1.7
Nonresident	565	459	74	18	551	97.5	1171	2.1
25 Baggs	1630	992	500	54	1546	94.8	2613	1.7
Resident	1053	576	367	48	991	94.1	1497	1.5
Nonresident	577	416	133	6	555	96.2	1116	2.0
26 South Wamsutter	927	621	212	28	861	92.9	1688	2.0
Resident	750	479	194	17	690	92.0	1212	1.8
Nonresident	177	142	18	11	171	96.6	476	2.8

Table 2 - Antelope Harvest, Licenses, Success, and Hunter Days by Herd Unit.

	HERD UNIT	HUNTERS	HARVEST				HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BUCK	DOE	FAWN	TOTAL			
27	Black Butte-Kinney Rim	455	339	78	15	432	94.9	822	1.9
	Resident	368	263	70	15	348	94.6	642	1.8
	Nonresident	87	76	8	0	84	96.6	180	2.1
28	South Rock Springs-Pine Mt.	624	358	182	27	567	90.9	900	1.6
	Resident	522	274	173	24	471	90.2	698	1.5
	Nonresident	102	84	9	3	96	94.1	202	2.1
29	Red Desert	1427	968	332	27	1327	93.0	2175	1.6
	Resident	1202	770	312	27	1109	92.3	1678	1.5
	Nonresident	225	198	20	0	218	96.9	497	2.3
30	South Ferris	1332	642	499	57	1198	89.9	1929	1.6
	Resident	1113	491	438	57	986	88.6	1533	1.6
	Nonresident	219	151	61	0	212	96.8	396	1.9
31	North Ferris	818	585	162	16	763	93.3	1387	1.8
	Resident	524	326	135	16	477	91.0	750	1.6
	Nonresident	294	259	27	0	286	97.3	637	2.2
32	Sweetwater	1234	865	276	20	1161	94.1	1624	1.4
	Resident	1057	701	270	20	991	93.8	1297	1.3
	Nonresident	177	164	6	0	170	96.0	327	1.9
33	Sublette	2862	1518	873	104	2495	87.2	5056	2.0
	Resident	2412	1179	813	100	2092	86.7	4151	2.0
	Nonresident	450	339	60	4	403	89.6	905	2.2
34	Fremont	994	666	236	21	923	92.9	1327	1.4
	Resident	861	550	226	21	797	92.6	1081	1.4
	Nonresident	133	116	10	0	126	94.7	246	2.0
35	Rattlesnake	1008	661	283	14	958	95.0	1469	1.5
	Resident	856	532	273	14	819	95.7	1198	1.5
	Nonresident	152	129	10	0	139	91.4	271	1.9
36	North Natrona	478	261	163	35	459	96.0	654	1.4
	Resident	408	207	147	35	389	95.3	544	1.4
	Nonresident	70	54	16	0	70	100.0	110	1.6
37	Badwater	519	333	134	9	476	91.7	794	1.7
	Resident	436	256	130	9	395	90.6	643	1.6
	Nonresident	83	77	4	0	81	97.6	151	1.9
38	Copper Mountain	337	235	48	8	291	86.4	722	2.5
	Resident	270	187	37	7	231	85.6	552	2.4
	Nonresident	67	48	11	1	60	89.6	170	2.8
39	Meeteese	1130	680	229	18	927	82.0	2217	2.4
	Resident	834	475	174	11	660	79.1	1512	2.3
	Nonresident	296	205	55	7	267	90.2	705	2.6

Table 2 - Antelope Harvest, Licenses, Success, and Hunter Days by Herd Unit.

	HERD UNIT	HUNTERS	HARVEST BUCK	DOE	FAWN	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
40	McCullough Peak	193	149	20	0	169	87.6	431	2.6
	Resident	156	117	17	0	134	85.9	368	2.7
	Nonresident	37	32	3	0	35	94.6	63	1.8
41	South Fork Shoshone	656	343	254	10	607	92.5	962	1.6
	Resident	538	274	217	9	500	92.9	749	1.5
	Nonresident	118	69	37	1	107	90.7	213	2.0
42	Crystal	0	0	0	0	0	0.0	0	0.0
	Resident	0	0	0	0	0	0.0	0	0.0
	Nonresident	0	0	0	0	0	0.0	0	0.0
43	Badger Basin	188	107	51	9	167	88.8	305	1.8
	Resident	159	87	51	9	147	92.5	229	1.6
	Nonresident	29	20	0	0	20	69.0	76	3.8
44	Wind River	46	39	3	0	42	91.3	65	1.5
	Resident	36	30	3	0	33	91.7	51	1.5
	Nonresident	10	9	0	0	9	90.0	14	1.6
45	Dry Lake	199	87	46	11	144	72.4	420	2.9
	Resident	178	70	45	11	126	70.8	382	3.0
	Nonresident	21	17	1	0	18	85.7	38	2.1
46	West Green River	660	442	124	17	583	88.3	1165	2.0
	Resident	541	341	112	17	470	86.9	913	1.9
	Nonresident	119	101	12	0	113	95.0	252	2.2
47	Carter Lease	1840	719	809	127	1655	89.9	3219	1.9
	Resident	1600	552	757	124	1433	89.6	2721	1.9
	Nonresident	240	167	52	3	222	92.5	498	2.2
48	Cedar Mountain	1029	512	394	41	947	92.0	1937	2.0
	Resident	906	402	385	41	828	91.4	1679	2.0
	Nonresident	123	110	9	0	119	96.7	258	2.2
49	Project	46	41	0	0	41	89.1	74	1.8
	Resident	46	41	0	0	41	89.1	74	1.8
	Nonresident	0	0	0	0	0	0.0	0	0.0
50	Cokeville	107	32	61	7	100	93.5	139	1.4
	Resident	102	28	61	7	96	94.1	133	1.4
	Nonresident	5	4	0	0	4	80.0	6	1.5
	State Total	53186	31374	14473	2147	47994	90.2	95144	2.0
	Resident	35698	18651	11297	1765	31713	88.8	55391	1.7
	Nonresident	17488	12723	3176	38	16281	93.1	39753	2.4

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

	AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
1	Crook	1433	554	276	830	57.9	5022	6.1
	Resident	549	141	73	214	39.0	1946	9.1
	Nonresident	884	413	203	616	69.7	3076	5.0
2	Bearlodge	929	287	68	355	38.2	3100	8.7
	Resident	450	118	40	158	35.1	1348	8.5
	Nonresident	479	169	28	197	41.1	1752	8.9
3	Keyhole	628	210	70	280	44.6	1807	6.5
	Resident	431	115	56	171	39.7	1174	6.9
	Nonresident	197	95	14	109	55.3	633	5.8
4	Sand Creek	384	63	0	63	16.4	1227	19.5
	Resident	309	22	0	22	7.1	941	42.8
	Nonresident	75	41	0	41	54.7	286	7.0
5	Inyan Kara	639	310	55	365	57.1	2264	6.2
	Resident	490	235	35	270	55.1	1767	6.5
	Nonresident	149	75	20	95	63.8	497	5.2
6	Skull Creek	531	234	14	248	46.7	1421	5.7
	Resident	468	196	0	196	41.9	1225	6.3
	Nonresident	63	38	14	52	82.5	196	3.8
7	South Osage	207	96	0	96	46.4	599	6.2
	Resident	122	62	0	62	50.8	447	7.2
	Nonresident	85	34	0	34	40.0	152	4.5
8	Upton-Four Horse	508	287	76	363	71.5	1332	3.7
	Resident	273	115	50	165	60.4	568	3.4
	Nonresident	235	172	26	198	84.3	764	3.9
9	Blacktail Creek	195	74	39	113	57.9	762	6.7
	Resident	98	22	22	44	44.9	431	9.8
	Nonresident	97	52	17	69	71.1	331	4.8
10	Hampshire	321	119	46	165	51.4	820	5.0
	Resident	192	50	12	62	32.3	373	6.0
	Nonresident	129	69	34	103	79.8	447	4.3
11	Mule Creek	467	250	98	348	74.5	1447	4.2
	Resident	137	61	12	73	53.3	249	3.4
	Nonresident	330	189	86	275	83.3	1198	4.4
12	Hat Creek	498	203	134	337	67.7	1542	4.6
	Resident	196	48	74	122	62.2	300	2.5
	Nonresident	302	155	60	215	71.2	1242	5.8
13	Lusk	1002	540	226	766	76.4	2891	3.8
	Resident	354	92	106	198	55.9	578	2.9
	Nonresident	648	448	120	568	87.7	2313	4.1

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
14 Twenty Mile	1251	565	286	851	68.0	3260	3.8
Resident	575	168	140	308	53.6	946	3.1
Nonresident	676	397	146	543	80.3	2314	4.3
15 Meadowdale	771	305	80	385	49.9	1775	4.6
Resident	522	115	54	169	32.4	1070	6.3
Nonresident	249	190	26	216	86.7	705	3.3
16 Jay Em	442	180	12	192	43.4	985	5.1
Resident	408	146	12	158	38.7	899	5.7
Nonresident	34	34	0	34	100.0	86	2.5
17 Northwest Gillette	1010	719	5	724	71.7	2781	3.8
Resident	469	209	4	213	45.4	1158	5.4
Nonresident	541	510	1	511	94.5	1623	3.2
18 Campbell	1315	847	70	917	69.7	3607	3.9
Resident	674	373	39	412	61.1	1491	3.6
Nonresident	641	474	31	505	78.8	2116	4.2
19 Pumpkin Buttes	379	223	9	232	61.2	975	4.2
Resident	247	101	0	101	40.9	476	4.7
Nonresident	132	122	9	131	99.2	499	3.8
20 Clarkelen	118	55	0	55	46.6	437	7.9
Resident	69	12	0	12	17.4	192	16.0
Nonresident	49	43	0	43	87.8	245	5.7
21 Thunder Basin	633	311	24	335	52.9	1502	4.5
Resident	347	113	24	137	39.5	740	5.4
Nonresident	286	198	0	198	69.2	762	3.8
22 Douglas	882	334	197	531	60.2	1627	3.1
Resident	555	131	145	276	49.7	799	2.9
Nonresident	327	203	52	255	78.0	828	3.2
23 Clearmont	3192	1738	191	1929	60.4	7118	3.7
Resident	2359	1051	191	1242	52.6	4762	3.8
Nonresident	833	687	0	687	82.5	2356	3.4
24 Sheridan	1469	603	137	740	50.4	4187	5.7
Resident	1305	516	120	636	48.7	3736	5.9
Nonresident	164	87	17	104	63.4	451	4.3
25 Tongue-Goose	1580	366	0	366	23.2	6083	16.6
Resident	1292	227	0	227	17.6	4985	22.0
Nonresident	288	139	0	139	48.3	1098	7.9
26 Ucross	1537	779	198	977	63.6	3394	3.5
Resident	919	360	94	454	49.4	1916	4.2
Nonresident	618	419	104	523	84.6	1478	2.8

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
27 Buffalo	964	375	235	610	63.3	2581	4.2
Resident	627	131	142	273	43.5	1641	6.0
Nonresident	337	244	93	337	100.0	940	2 8
28 Hunter Mesa	942	137	23	160	17.0	3316	20.7
Resident	621	43	23	66	10.6	2280	34.5
Nonresident	321	94	0	94	29.3	1038	11.0
29 Johnson	361	108	30	138	38.2	804	5.8
Resident	207	38	7	45	21.7	381	8.5
Nonresident	154	70	23	93	60.4	423	4.5
30 Upper Powder River	1406	597	387	984	70.0	3510	3.6
Resident	589	147	123	270	45.8	1276	4.7
Nonresident	817	450	264	714	87.4	2234	3.1
31 Nine Mile	1159	315	244	559	48.2	2902	5.2
Resident	728	83	163	246	33.8	1593	6.5
Nonresident	431	232	81	313	72.6	1309	4.2
32 Barnum	1228	455	165	620	50.5	2747	4.4
Resident	640	119	112	231	36.1	1015	4.4
Nonresident	588	336	53	389	66.2	1732	4.5
33 Red Fork	3667	1206	1222	2428	66.2	7612	3.1
Resident	2138	348	788	1136	53.1	3222	2.8
Nonresident	1529	858	434	1292	84.5	4390	3.4
34 Natrona	1279	509	63	572	44.7	3161	5.5
Resident	976	310	46	356	36.5	2162	6.1
Nonresident	303	199	17	216	71.3	999	4.6
35 Upper Nowood	937	312	137	449	47.9	1837	4.1
Resident	711	184	108	292	41.1	1228	4.2
Nonresident	226	128	29	157	69.5	609	3.9
36 Badwater	1533	575	21	596	38.9	3201	5.4
Resident	1249	418	9	427	34.2	2065	4.8
Nonresident	284	157	12	169	59.5	1136	6.7
37 Copper Mountain	612	271	0	271	44.3	1503	5.5
Resident	444	173	0	173	39.0	929	5.4
Nonresident	168	98	0	98	58.3	574	5.9
38 Black Mountain	326	70	0	70	21.5	680	9.7
Resident	284	53	0	53	18.7	578	10.9
Nonresident	42	17	0	17	40.5	102	6.0
39 Bates Creek	397	70	99	169	42.6	767	4.5
Resident	288	46	58	104	36.1	457	4.4
Nonresident	109	24	41	65	59.6	310	4.8

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
40 Buffalo Creek	891	306	162	468	52.5	1954	4.2
Resident	547	97	127	224	41.0	857	3.8
Nonresident	344	209	35	244	70.9	1097	4.5
41 Sand Creek	999	258	90	348	34.8	2455	7.1
Resident	793	188	61	249	31.4	1842	7.4
Nonresident	206	70	29	99	48.1	613	6.2
42 Otter Creek	1573	518	470	988	62.8	4286	4.3
Resident	808	135	221	356	44.1	1797	5.0
Nonresident	765	383	249	632	82.6	2489	3.9
43 Canyon Creek	288	113	41	154	53.5	814	5.3
Resident	140	32	0	32	22.9	327	10.2
Nonresident	148	81	41	122	82.4	487	4.0
44 Brokenback Creek	535	131	28	159	29.7	1346	8.5
Resident	405	73	11	84	20.7	916	10.9
Nonresident	130	58	17	75	57.7	430	5.7
45 Paintrock Creek	563	172	29	201	35.7	1564	7.8
Resident	455	97	23	120	26.4	1283	10.7
Nonresident	108	75	6	81	75.0	281	3.5
46 Paintrock-Leigh Creek V	616	89	11	100	16.2	2092	20.9
Resident	490	60	11	71	14.5	1728	24.3
Nonresident	126	29	0	29	23.0	364	12.6
47 Manderson	407	151	29	180	44.2	1047	5.8
Resident	335	122	23	145	43.3	772	5.3
Nonresident	72	29	6	35	48.6	275	7.9
48 Upper Medicine Lodge Creek	343	59	0	59	17.2	1168	19.8
Resident	229	30	0	30	13.1	923	30.8
Nonresident	114	29	0	29	25.4	245	8.4
49 Trapper Creek	517	235	29	264	51.1	1606	6.1
Resident	417	183	23	206	49.4	1290	6.3
Nonresident	100	52	6	58	58.0	316	5.4
50 Upper Shell Creek-Beaver Creek	826	256	11	267	32.3	2854	10.7
Resident	589	157	11	168	28.6	2082	12.4
Nonresident	238	99	0	99	41.6	772	7.8
51 Beaver Creek	212	60	61	121	57.1	540	4.5
Resident	181	42	61	103	56.9	378	3.7
Nonresident	31	18	0	18	58.1	162	9.0

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
52 Bear Creek	237	90	0	90	38.0	735	8.2
Resident	198	61	0	61	30.8	602	9.9
Nonresident	39	29	0	29	74.4	133	4.6
53 Sheep Mountain	159	33	0	33	23.7	367	11.1
Resident	133	27	0	27	20.3	325	12.0
Nonresident	6	6	0	6	100.0	42	7.0
54 Medicine Mountain	362	107	61	168	46.4	818	4.9
Resident	350	95	61	156	44.6	788	5.1
Nonresident	12	12	0	12	100.0	30	2.5
55 Rock Eagle	705	210	83	293	41.6	2207	7.5
Resident	661	185	79	264	39.9	2076	7.9
Nonresident	44	25	4	29	65.9	131	4.5
56 Uva	334	54	45	99	29.6	761	7.7
Resident	307	50	41	91	29.6	700	7.7
Nonresident	27	4	4	8	29.6	61	7.6
57 Southeast	523	214	56	270	51.6	1471	5.4
Resident	498	189	56	245	49.2	1395	5.7
Nonresident	25	25	0	25	100.0	76	3.0
58 Horse Creek	253	79	0	79	31.2	509	6.4
Resident	241	79	0	79	32.8	482	6.1
Nonresident	12	0	0	0	0.0	27	0.0
59 Little Bear	373	109	148	257	68.9	721	2.8
Resident	332	72	144	216	65.1	594	2.8
Nonresident	41	37	4	41	100.0	127	3.1
60 Pole Mountain	526	187	166	353	67.1	1318	3.7
Resident	459	148	148	296	64.5	1092	3.7
Nonresident	67	39	18	57	85.1	226	4.0
61 Harriman	310	106	20	126	40.6	637	5.1
Resident	277	77	17	94	33.9	568	6.0
Nonresident	33	29	3	32	97.0	69	2.2
62 Iron Mountain	532	250	53	303	57.0	1123	3.7
Resident	429	164	53	217	50.6	868	4.0
Nonresident	103	86	0	86	83.5	255	3.0
63 Richeau	1174	414	402	816	69.5	2243	2.7
Resident	967	266	377	643	66.5	1722	2.7
Nonresident	207	148	25	173	83.6	521	3.0
64 Laramie Peak	2455	744	499	1243	50.6	5981	4.8
Resident	2062	514	462	976	47.3	4596	4.7
Nonresident	393	230	37	267	67.9	1385	5.2

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
65 North Laramie Peak	2894	1073	743	1816	62.8	7207	4.0
Resident	2199	559	661	1220	55.5	4880	4.0
Nonresident	695	514	82	596	85.8	2327	3.9
66 Hat Six	2205	837	138	975	44.2	4853	5.0
Resident	1898	655	119	774	40.8	3789	4.9
Nonresident	307	182	19	201	65.5	1064	5.3
67 Casper Mountain	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
68 Lower Bates Creek	579	191	32	223	38.5	1182	5.3
Resident	490	140	27	167	34.1	967	5.8
Nonresident	89	51	5	56	62.9	215	3.8
69 Bolton Creek	362	165	4	169	46.7	623	3.7
Resident	326	148	0	148	45.4	524	3.5
Nonresident	36	17	4	21	58.3	99	4.7
70 Hanna-Muddy Creek	482	203	60	263	54.6	1812	6.9
Resident	261	78	50	128	49.0	787	6.1
Nonresident	221	125	10	135	61.1	1025	7.6
71 Shirley Mountain	1022	325	289	614	60.1	2468	4.0
Resident	852	226	256	482	56.6	1891	3.9
Nonresident	170	99	33	132	77.6	577	4.4
72 Pedro Mountain	319	79	60	139	43.6	550	4.0
Resident	247	42	44	86	34.8	351	4.1
Nonresident	72	37	16	53	73.6	199	3.8
73 Boswell	139	12	72	84	60.4	276	3.3
Resident	106	4	56	60	56.6	195	3.3
Nonresident	33	8	16	24	72.7	81	3.4
74 Kyle	206	96	76	172	83.5	519	3.0
Resident	180	85	66	151	83.9	391	2.6
Nonresident	26	11	10	21	80.8	128	6.1
75 Four Mile	474	89	37	126	26.6	1096	8.7
Resident	431	75	29	104	24.1	950	9.1
Nonresident	43	14	8	22	51.2	146	6.6
76 Sheep Mountain	1464	157	85	242	16.5	4315	17.8
Resident	1400	139	76	215	15.4	4060	18.9
Nonresident	64	18	9	27	42.2	255	9.4

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
77 Boulder Ridge	167	47	0	47	28.1	373	7.9
Resident	163	47	0	47	28.8	369	7.9
Nonresident	4	0	0	0	0.0	4	0.0
78 French Creek	1109	283	4	287	25.9	2794	9.7
Resident	948	221	0	221	23.3	2298	10.4
Nonresident	161	62	4	66	41.0	496	7.5
79 Kennaday Peak	1266	411	0	411	32.5	3973	9.7
Resident	1081	337	0	337	31.2	3277	9.7
Nonresident	185	74	0	74	40.0	696	9.4
80 Spring Creek	848	196	30	226	26.7	2219	9.8
Resident	666	134	22	156	23.4	1645	10.5
Nonresident	182	62	8	70	38.5	574	8.2
81 Blackhill	1037	234	34	268	25.8	2471	9.2
Resident	851	172	26	198	23.3	2007	10.1
Nonresident	186	62	8	70	37.6	464	6.6
82 Baggs	6644	1416	3055	4471	67.3	15950	3.6
Resident	5742	902	2858	3760	65.5	12823	3.4
Nonresident	902	514	197	711	78.8	3127	4.4
83 Bolton Rim	175	63	24	87	49.7	396	4.6
Resident	102	24	18	42	41.2	201	4.8
Nonresident	73	39	6	45	61.6	195	4.3
84 Atlantic Rim	232	94	39	133	57.3	577	4.3
Resident	117	36	25	61	52.1	248	4.1
Nonresident	115	58	14	72	62.6	329	4.6
85 Southeast Creston	130	26	15	41	31.5	228	5.6
Resident	89	18	12	30	33.7	153	5.1
Nonresident	41	8	3	11	26.8	75	6.8
86 Haystack	119	38	1	39	32.8	274	7.0
Resident	112	35	1	36	32.1	237	6.6
Nonresident	7	3	0	3	42.9	37	12.3
87 Ferris	673	212	0	212	31.5	1681	7.9
Resident	544	151	0	151	27.8	1331	8.8
Nonresident	129	61	0	61	47.3	350	5.7
88 Kendrick	654	89	122	211	32.3	1294	6.1
Resident	634	83	119	202	31.9	1254	6.2
Nonresident	20	6	3	9	45.0	40	4.4
89 Rattlesnake	908	305	0	305	33.6	2022	6.6
Resident	821	257	0	257	31.3	1775	6.9
Nonresident	87	48	0	48	55.2	247	5.1

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
90 Muskrat	353	65	4	69	19.5	674	9.8
Resident	343	65	4	69	20.1	644	9.3
Nonresident	10	0	0	0	0.0	30	0.0
91 Pop Agie	922	145	18	163	17.7	2445	15.0
Resident	840	109	15	124	14.8	2166	17.5
Nonresident	82	36	3	39	47.6	279	7.2
92 Table Mountain	1048	124	189	313	29.9	3019	9.6
Resident	968	107	179	286	29.5	2769	9.7
Nonresident	80	17	10	27	33.8	250	9.3
93 Upper Sweetwater	429	35	4	39	9.1	1245	31.9
Resident	400	32	4	36	9.0	1190	33.1
Nonresident	29	3	0	3	10.3	55	18.3
94 Twin Creek	954	214	171	385	40.4	2266	5.9
Resident	901	185	165	350	38.8	2109	6.0
Nonresident	53	29	6	35	66.0	157	4.5
95 South Pass	806	120	0	120	14.9	1882	15.7
Resident	779	117	0	117	15.0	1815	15.5
Nonresident	27	3	0	3	11.1	67	22.3
96 Green Mountain Crook Mountain	447	154	23	177	39.6	1002	5.7
Resident	400	144	23	167	41.8	862	5.2
Nonresident	47	10	0	10	21.3	140	14.0
97 Sweetwater Rocks	464	139	0	139	30.0	926	6.7
Resident	412	116	0	116	28.2	799	6.9
Nonresident	52	23	0	23	44.2	127	5.5
98 Chain Lakes	18	1	0	1	5.6	29	29.0
Resident	17	0	0	0	0.0	25	0.0
Nonresident	1	1	0	1	100.0	4	4.0
99 Table Rock	90	19	0	19	21.1	257	13.5
Resident	87	19	0	19	21.8	250	13.2
Nonresident	3	0	0	0	0.0	7	0.0
100 South Wamsutter	392	165	9	174	44.4	906	5.2
Resident	282	82	9	91	32.3	527	5.8
Nonresident	110	83	0	83	75.5	379	4.6
101 Black Butte	413	153	0	153	37.0	990	6.5
Resident	384	140	0	140	36.5	901	6.4
Nonresident	29	13	0	13	44.8	89	6.8
102 Aspen Mountain	1182	191	3	194	16.4	2584	13.3
Resident	1102	149	2	151	13.7	2349	15.6
Nonresident	80	42	1	43	53.8	235	5.5

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
103 Pine Mountain	592	102	0	102	17.2	1478	14.5
Resident	515	66	0	66	12.8	1264	19.2
Nonresident	77	36	0	36	46.8	214	5.9
104 Little Mountain	1170	312	58	370	31.6	2729	7.4
Resident	1033	214	56	270	26.1	2148	8.0
Nonresident	137	98	2	100	73.0	581	5.8
105 Beartooth	505	86	23	109	21.6	1391	12.8
Resident	452	82	23	105	23.2	1251	11.9
Nonresident	53	4	0	4	7.5	140	35.0
106 Crandall	358	81	0	81	22.6	1161	14.3
Resident	327	68	0	68	20.8	1078	15.9
Nonresident	31	13	0	13	41.9	83	6.4
107 Sunlight	510	85	0	85	16.7	1740	20.5
Resident	466	72	0	72	15.5	1582	22.0
Nonresident	44	13	0	13	29.5	158	12.2
108 Dead Indian	320	11	0	11	3.4	792	72.0
Resident	263	11	0	11	4.2	573	52.1
Nonresident	57	0	0	0	0.0	219	0.0
109 Bald Ridge	906	204	84	288	31.8	2212	7.7
Resident	740	140	63	203	27.4	1719	8.5
Nonresident	166	64	21	85	51.2	493	5.8
110 Grinnel	346	26	0	26	7.5	859	33.0
Resident	289	26	0	26	9.0	715	27.5
Nonresident	57	0	0	0	0.0	144	0.0
111 Elk Fork	557	143	30	173	31.1	1790	10.3
Resident	451	101	30	131	29.0	1411	10.8
Nonresident	106	42	0	42	39.6	379	9.0
112 Ishawooa	626	155	41	196	31.3	1512	7.7
Resident	481	103	41	144	29.9	1081	7.5
Nonresident	145	52	0	52	35.9	431	8.3
113 Boulder	1381	407	167	574	41.6	4315	7.5
Resident	1046	218	150	368	35.2	2937	8.0
Nonresident	335	189	17	206	61.5	1378	6.7
114 Wall Mountain	46	13	0	13	28.3	94	7.2
Resident	28	0	0	0	0.0	72	0.0
Nonresident	18	13	0	13	72.2	22	1.7
115 Thorofare	82	14	0	14	17.1	548	39.1
Resident	40	4	0	4	10.0	329	82.3
Nonresident	42	10	0	10	23.8	219	21.9

Table 3 – Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
116 North Greybull River	407	112	0	112	27.5	1279	11.4
Resident	244	60	0	60	024.6	688	11.5
Nonresident	163	52	0	52	31.9	591	11.4
117 South Greybull River	185	30	0	30	16.2	627	20.9
Resident	105	18	0	18	17.1	345	19.2
Nonresident	80	12	0	12	15.0	282	23.5
118 Wood River-Gooseberry Creek	85	54	0	54	63.5	324	6.0
Resident	25	10	0	10	40.0	59	5.9
Nonresident	60	44	0	44	73.3	265	6.0
119 Anchor	316	79	11	90	28.5	856	9.5
Resident	248	39	11	50	20.2	582	11.6
Nonresident	68	40	0	40	58.8	274	6.9
120 Hamilton Dome	472	138	0	138	29.2	1206	8.7
Resident	380	87	0	87	22.9	865	9.9
Nonresident	92	51	0	51	55.4	341	6.7
121 Sand Coolee	245	30	11	41	16.7	555	13.5
Resident	231	26	11	37	16.0	510	13.8
Nonresident	14	4	0	4	28.6	45	11.3
122 Shoshone River	1025	201	97	298	29.1	2814	9.4
Resident	966	175	97	272	28.2	2597	9.5
Nonresident	59	26	0	26	44.1	217	8.3
123 Lovell	208	72	0	72	34.6	606	8.4
Resident	208	72	0	72	34.6	606	8.4
Nonresident	0	0	0	0	0.0	0	0.0
124 Emblem	948	237	99	336	35.4	2180	6.5
Resident	840	186	99	285	33.9	1859	6.5
Nonresident	108	51	0	51	47.2	321	6.3
125 Fifteen Mile	579	121	85	206	35.6	1330	6.5
Resident	549	96	84	180	32.8	1232	6.8
Nonresident	30	25	1	26	86.7	98	3.8
126 Neiber	471	117	60	177	37.6	887	5.0
Resident	438	100	58	158	36.1	798	5.1
Nonresident	33	17	2	19	57.6	89	4.7
127 Cottonwood	228	74	0	74	32.5	792	10.7
Resident	197	57	0	57	28.9	656	11.5
Nonresident	31	17	0	17	54.8	136	8.0
128 Wind River	1595	191	181	372	23.3	7322	19.7
Resident	1494	165	168	333	22.3	6724	20.2
Nonresident	101	26	13	39	38.6	598	15.3

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
129 Wind River- Off Forest	699	120	66	186	26.6	2819	15.2
Resident	637	101	66	167	26.2	2511	15.0
Nonresident	62	19	0	19	30.6	308	16.2
130 Big Sandy	308	25	2	27	8.8	982	36.4
Resident	301	22	2	24	8.0	943	39.3
Nonresident	7	3	0	3	42.9	39	13.0
131 Steamboat	862	208	4	212	24.6	1500	7.1
Resident	838	201	4	205	24.5	1450	7.1
Nonresident	24	7	0	7	29.2	50	7.1
132 Cedar Mountain	663	110	0	110	16.6	1621	14.7
Resident	656	110	0	110	16.8	1614	14.7
Nonresident	7	0	0	0	0.0	7	0.0
133 Uinta	2434	646	76	722	29.7	7404	10.3
Resident	2320	606	65	671	28.9	7070	10.5
Nonresident	114	40	11	51	44.7	334	6.5
134 Carter Lease	4407	897	1054	1951	44.3	11653	6.0
Resident	4001	656	1037	1693	42.3	9803	5.8
Nonresident	406	241	17	258	63.5	1850	7.2
135 Lincoln	2634	679	460	1139	43.2	8319	7.3
Resident	2114	427	411	838	39.6	6072	7.2
Nonresident	520	252	49	301	57.9	2247	7.5
136 Raymond Mountain	678	181	60	241	35.5	2277	9.4
Resident	486	79	53	132	27.2	1436	10.9
Nonresident	192	102	7	109	56.8	841	7.7
137 West Green River	1820	265	58	323	17.7	4962	15.4
Resident	1676	224	51	275	16.4	4434	16.1
Nonresident	144	41	7	48	33.3	528	11.0
138 Boulder	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
139 Pinedale	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
140 New Fork	463	28	0	28	6.0	1763	63.0
Resident	383	28	0	28	7.3	1446	51.6
Nonresident	80	0	0	0	0.0	317	0.0
141 Green River	246	38	0	38	15.4	896	23.6
Resident	195	34	0	34	17.4	648	19.1
Nonresident	51	4	0	4	7.8	248	62.0

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
142 Piney-Horse Creek	729	70	7	77	10.6	2994	38.9
Resident	561	45	0	45	8.0	2269	50.4
Nonresident	168	25	7	32	19.0	725	22.7
143 South Piney	1874	461	323	784	41.8	8057	10.3
Resident	1414	298	270	568	40.2	5482	9.7
Nonresident	460	163	53	216	47.0	2575	11.9
144 Grey's River	2087	553	176	729	34.9	9127	12.5
Resident	1336	223	141	364	27.2	5432	14.9
Nonresident	751	330	35	365	48.6	3695	10.1
145 Afton	784	223	83	306	39.0	3634	11.9
Resident	637	176	79	255	40.0	3113	12.2
Nonresident	147	47	4	51	34.7	521	10.2
146 Murphy Creek	15	4	0	4	26.7	44	11.0
Resident	4	0	0	0	0.0	4	0.0
Nonresident	11	4	0	4	36.4	40	10.0
147 Feedground	22	0	0	0	0.0	86	0.0
Resident	11	0	0	0	0.0	60	0.0
Nonresident	11	0	0	0	0.0	26	0.0
148 Teton	1152	107	74	181	15.7	5527	30.5
Resident	884	35	60	95	10.7	3809	40.1
Nonresident	268	72	14	86	32.1	1718	20.0
149 Targhee	340	70	15	85	25.0	1179	13.9
Resident	301	63	15	78	25.9	1024	13.1
Nonresident	39	7	0	7	17.9	155	22.1
150 Wilson	314	22	54	76	24.2	777	10.2
Resident	299	18	54	72	24.1	741	10.3
Nonresident	15	4	0	4	26.7	36	9.0
151 Fall Creek	878	133	30	163	18.6	2844	17.4
Resident	722	101	30	131	18.1	2006	15.3
Nonresident	156	32	0	32	20.5	838	26.2
152 Lower Hoback	1259	221	56	227	22.0	6052	21.8
Resident	942	140	42	182	19.3	4480	24.6
Nonresident	317	81	14	95	30.0	1572	16.5
153 Middle Hoback	470	33	0	33	7.0	1941	58.8
Resident	332	15	0	15	4.5	1449	96.6
Nonresident	138	18	0	18	13.0	492	27.3
154 Upper Hoback	566	33	0	33	5.8	2469	74.8
Resident	460	22	0	22	.8	1890	85.9
Nonresident	106	11	0	11	..4	579	52.6

Table 3 - Mule Deer Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
155 South Grovont	513	36	11	47	9.2	2841	60.4
Resident	377	25	4	29	7.7	2101	72.4
Nonresident	136	11	7	18	13.2	740	41.1
156 Spread Creek	1262	107	146	253	20.0	6135	24.2
Resident	1144	93	135	228	19.9	5594	24.5
Nonresident	118	14	11	25	21.2	541	21.6
157 Boysen	439	46	84	130	29.6	824	6.3
Resident	425	46	84	130	30.6	778	6.0
Nonresident	14	0	0	0	0.0	46	0.0
158 Ormsby	1283	382	142	524	40.8	2389	4.6
Resident	1111	261	122	383	34.5	1914	5.0
Nonresident	172	121	20	141	82.0	475	3.4
159 Crystal Creek	222	84	56	140	63.1	517	3.7
Resident	204	72	56	128	62.7	451	3.5
Nonresident	18	12	0	12	66.7	66	5.5
160 Beaver Creek	420	61	29	90	21.4	980	10.9
Resident	417	51	29	90	21.6	977	10.9
Nonresident	3	0	0	0	0.0	3	0.0
State Totals	128457	37301	16785	54086	42.1	358595	6.6
Resident	100033	22246	13459	35705	35.7	260838	7.3
Nonresident	28424	15055	3326	18381	64.7	97757	5.3

Table 3A - Mule Deer Harvest Statewide by Total Hunters

HUNT AREA	NUMBER HUNTERS	HARVEST			HUNTER PERCENT SUCCESS	DAYS/ HARVEST
		ANTLERED	ANTLERLESS	TOTAL		
State Total						
Resident	100033	22246	13459	35705	35.7	7.3
Nonresident	28424	15055	3326	18381	64.7	5.3
Total	128457	37301	16785	54086	42.1	6.6

Table 4 - Mule Deer Harvest by Herd Unit for 1980.

	AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
1	Black Hills	3979	1658	483	2141	53.8	14869	6.9
	Resident	2167	827	204	1031	47.6	8312	8.1
	Nonresident	1812	831	279	1110	61.3	6557	5.9
2	Thunder Basin	2245	1137	283	1420	63.3	6474	4.6
	Resident	1069	423	120	543	50.8	2824	5.2
	Nonresident	1176	714	163	877	74.6	3650	4.2
3	Lance Creek	2749	1308	646	1954	71.1	7694	3.9
	Resident	1090	308	320	628	57.6	1824	2.9
	Nonresident	1659	1000	326	1326	79.9	5870	4.4
4	Muskrat	1191	485	92	577	48.4	2760	4.8
	Resident	895	261	66	327	36.5	1969	6.0
	Nonresident	296	224	26	250	84.5	791	3.2
5	Powder River	6811	4033	464	4547	66.8	16888	3.7
	Resident	4130	1993	328	2321	56.2	9324	4.0
	Nonresident	2681	2090	136	2226	83.0	7564	3.4
6	Pumpkin Buttes	2010	701	283	984	49.0	5124	5.2
	Resident	1223	234	170	404	33.0	2644	6.5
	Nonresident	787	467	113	580	73.7	2480	4.3
7	West Bill	901	334	197	531	58.9	1627	3.1
	Resident	560	131	145	276	49.3	799	2.9
	Nonresident	341	203	52	255	74.8	828	3.2
8	Ormsby	1300	382	142	524	40.3	2389	4.6
	Resident	1121	261	122	383	34.2	1914	5.0
	Nonresident	179	121	20	141	78.8	475	3.4
9	East Bighorn	4228	1481	395	1876	44.4	15870	8.5
	Resident	3198	917	285	1202	37.6	12398	10.3
	Nonresident	1030	564	110	674	65.4	3472	5.2
10	Upper Powder River	6155	2258	1774	4032	65.5	13908	3.4
	Resident	3234	614	1023	1637	50.6	5554	3.4
	Nonresident	2921	1644	751	2395	82.0	8354	3.5
11	North Natrona	1302	509	63	572	43.9	3162	5.5
	Resident	986	310	46	356	36.1	2162	6.1
	Nonresident	316	199	17	216	68.4	1000	4.6
12	Badwater	2244	804	121	925	41.2	4547	4.9
	Resident	1782	553	88	641	36.0	2966	4.6
	Nonresident	462	251	33	284	61.5	1581	5.6
13	Big Trails	4178	1420	901	2321	55.6	11463	4.9
	Resident	2545	594	498	1092	42.9	6120	5.6
	Nonresident	1633	826	403	1229	75.3	5343	4.3

Table 4 - Mule Deer Harvest by Herd Unit for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
14 Copper Mountain	816	285	0	285	34.9	1873	6.6
Resident	639	190	0	190	29.7	1315	6.9
Nonresident	177	95	0	95	53.7	558	5.9
15 Broken Back	1457	376	66	442	30.3	4624	10.5
Resident	1119	219	43	262	23.4	3613	13.8
Nonresident	338	157	23	180	53.3	1011	5.6
16 Trapper-Medicine Lodge	1060	445	58	503	47.5	3820	7.6
Resident	837	335	46	381	45.5	2985	7.8
Nonresident	223	110	12	122	54.7	835	6.8
17 Devils Canyon	788	275	119	394	50.0	2277	5.8
Resident	703	225	119	344	48.9	1984	5.8
Nonresident	85	50	0	50	58.8	293	5.9
18 Horse Creek	1096	355	70	425	38.8	3572	8.4
Resident	833	229	70	299	35.9	2662	8.9
Nonresident	263	126	0	126	47.9	910	7.2
19 Goshen Hole	957	264	128	392	41.0	2964	7.6
Resident	896	235	120	355	39.6	2772	7.8
Nonresident	61	29	8	37	60.7	192	5.2
20 Cheyenne	705	293	56	349	49.5	1978	5.7
Resident	668	268	56	324	48.5	1880	5.8
Nonresident	37	25	0	25	67.6	98	3.9
21 Iron Mountain	2546	960	769	1729	67.9	5406	3.1
Resident	2118	650	722	1372	64.8	4277	3.1
Nonresident	428	310	47	357	83.4	1129	3.2
22 Sheep Mountain	2427	495	218	713	29.4	6938	9.7
Resident	2258	423	188	611	27.1	6333	10.4
Nonresident	169	72	30	102	60.4	605	5.9
23 Laramie Peak	2607	769	581	1350	51.8	6293	4.7
Resident	2166	518	526	1044	48.2	4783	4.6
Nonresident	441	251	55	306	69.4	1510	4.9
24 South Converse	2885	1060	733	1793	62.1	7178	4.0
Resident	2203	559	653	1212	55.0	4890	4.0
Nonresident	682	501	80	581	85.2	2288	3.9
25 Bates Hole-Hat Six	2961	1193	174	1367	46.2	6663	4.9
Resident	2526	943	146	1089	43.1	5282	4.9
Nonresident	435	250	28	278	63.9	1381	5.0
26 Shirley Mountain	1731	586	403	989	57.1	4644	4.7
Resident	1295	338	345	683	52.7	2951	4.3
Nonresident	436	248	58	306	70.2	1693	5.5

Table 4 - Mule Deer Harvest by Herd Unit for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
27 Platte Valley	4016	1231	99	1330	33.1	12218	9.2
Resident	3295	917	72	989	30.0	9659	9.8
Nonresident	721	314	27	341	47.3	2559	7.5
28 Baggs	7015	1536	3109	4645	66.2	16761	3.6
Resident	5947	956	2895	3851	64.8	13226	3.4
Nonresident	1068	580	214	794	74.3	3535	4.5
29 Ferris	730	227	0	227	31.1	1790	7.9
Resident	593	165	0	165	27.8	1425	8.6
Nonresident	137	62	0	62	45.3	365	5.9
30 Rattlesnake	1499	394	122	516	34.4	3316	6.4
Resident	1395	340	119	459	32.9	3029	6.6
Nonresident	104	54	3	57	54.8	287	5.0
31 Beaver Rim	730	204	4	208	28.5	1602	7.7
Resident	664	181	4	185	27.9	1442	7.8
Nonresident	66	23	0	23	34.8	160	7.0
32 Lander	1887	330	236	566	30.0	6444	11.4
Resident	1748	277	223	500	28.6	5912	11.8
Nonresident	139	53	13	66	47.5	532	8.1
33 Prospect Mountain	681	60	6	66	9.7	2225	33.7
Resident	643	54	6	60	9.3	2132	35.5
Nonresident	38	6	0	6	15.8	93	15.5
34 Hall Creek	1529	334	171	505	33.0	4147	8.2
Resident	1456	302	165	467	32.1	3923	8.4
Nonresident	73	32	6	38	52.1	224	5.9
35 Green Mountain	453	154	23	177	39.1	1002	5.7
Resident	404	144	23	167	41.3	862	5.2
Nonresident	49	10	0	10	20.4	140	14.0
36 Chain Lake	18	1	0	1	5.6	29	29.0
Resident	17	0	0	0	0.0	25	0.0
Nonresident	1	1	0	1	100.0	4	4.0
37 Table Rock	91	19	0	19	20.9	257	13.5
Resident	88	19	0	19	21.6	250	13.2
Nonresident	3	0	0	0	0.0	7	0.0
38 South Wamsutter	399	165	9	174	43.6	906	5.2
Resident	285	82	9	91	31.9	527	5.8
Nonresident	114	83	0	83	72.8	379	4.6
39 Black Butte	418	153	0	153	36.6	992	6.5
Resident	388	140	0	140	36.1	902	6.4
Nonresident	30	13	0	13	43.3	90	6.9

Table 4 - Mule Deer Harvest by Herd Unit for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
40 Little Mountain Pine Mountain	2331	605	61	666	28.6	6790	10.2
Resident	2089	429	58	487	23.3	5762	11.8
Nonresident	242	176	3	179	74.0	1028	5.7
41 Clarks Fork	2037	467	107	574	28.2	7284	12.7
Resident	1717	373	86	459	26.7	6194	13.5
Nonresident	320	94	21	115	35.9	1090	9.5
42 North Fork Shoshone	809	172	30	202	25.0	2773	13.7
Resident	638	128	30	158	24.8	2201	13.9
Nonresident	171	44	0	44	25.7	572	13.0
43 South Fork Shoshone	1846	586	208	794	43.0	6347	8.0
Resident	1348	324	191	515	38.2	4346	8.4
Nonresident	498	262	17	279	56.0	2001	7.2
44 Meeteetse	653	216	3	219	33.5	2454	11.2
Resident	368	98	3	101	27.4	1243	12.3
Nonresident	285	118	0	118	41.4	1211	10.3
45 Upper Cottonwood- Owl Creek	713	197	8	205	28.8	1837	9.0
Resident	567	116	8	124	21.9	1294	10.4
Nonresident	146	81	0	81	55.5	543	6.7
46 Shoshone River	1346	303	108	411	30.5	3984	9.7
Resident	1274	273	108	381	29.9	3721	9.8
Nonresident	72	30	0	30	41.7	263	8.8
47 Greybull River	963	237	99	336	34.9	2180	6.5
Resident	849	186	99	285	33.6	1859	6.5
Nonresident	114	51	0	51	44.7	321	6.3
48 Basin	1198	312	145	457	38.1	3006	6.6
Resident	1101	253	142	395	35.9	2683	6.8
Nonresident	97	59	3	62	63.9	323	5.2
49 Dubois	2001	311	247	558	27.9	10139	18.2
Resident	1857	266	234	500	26.9	9235	18.5
Nonresident	144	45	13	58	40.3	904	15.6
50 Steamboat	870	208	4	212	24.4	1501	7.1
Resident	845	201	4	205	24.3	1451	7.1
Nonresident	25	7	0	7	28.0	50	7.1
51 Uinta- Cedar Mountain	2905	766	76	832	28.6	9035	10.9
Resident	2786	716	65	781	28.0	8694	11.1
Nonresident	119	40	11	51	42.9	341	6.7

Table 4 - Mule Deer Harvest by Herd Unit for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
52 Carter Lease	4463	897	1054	1951	43.7	11652	6.0
Resident	4039	656	1037	1693	41.9	9804	5.8
Nonresident	424	241	17	258	60.8	1848	7.2
53 West Green River	4280	1125	578	1703	39.8	15585	9.2
Resident	3568	730	515	1245	34.9	11970	9.6
Nonresident	712	395	63	458	64.3	3615	7.9
54 Sublette	3814	663	330	993	26.0	18125	18.3
Resident	2937	442	270	712	24.2	13184	18.5
Nonresident	877	221	60	281	32.0	4941	17.6
55 Lincoln	2679	780	259	[illegible]	38.8	12889	12.4
Resident	1799	399	220		34.4	8607	13.9
Nonresident	880	381	39		47.7	4282	10.2
56 Jackson	2973	272	[illegible]		18.7	15268	27.4
Resident	2454	171	2	4	17.3	12231	28.8
Nonresident	519	101	34	33	25.6	3037	22.8
57 Targhee	344	70	15	85	24.7	1180	13.9
Resident	304	63	15	78	25.7	1025	13.1
Nonresident	40	7	0	7	17.5	155	22.1
58 Fall Creek	1969	354	86	440	22.3	8868	20.2
Resident	1506	241	72	313	20.8	6457	20.6
Nonresident	463	113	14	127	27.4	2411	19.0
59 Project	444	46	84	130	29.3	824	6.3
Resident	429	46	84	130	30.3	778	6.0
Nonresident	15	0	0	0	0.0	46	0.0
STATE TOTALS	119433	37301	16785	54036	45.3	358415	6.6
Resident	91659	22246	13459	35705	39.0	260590	7.3
Nonresident	27774	15055	3326	18381	66.2	97825	5.3

Table 5 - Whitetail Deer Harvest by Area for 1980.

	AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
1	Crook	2093	872	423	1295	61.9	7336	5.7
	Resident	802	249	159	408	50.9	2843	7.0
	Nonresident	1291	623	264	887	68.7	4493	5.1
2	Bearlodge	4214	1423	886	2309	54.8	14064	6.1
	Resident	2041	468	243	711	34.8	6116	8.6
	Nonresident	2173	955	643	1598	73.5	7948	5.0
3	Keyhole	1010	333	151	484	47.9	2907	6.0
	Resident	693	197	124	321	46.3	1888	5.9
	Nonresident	317	136	27	163	51.4	1019	6.3
4	Sand Creek	1467	358	105	463	31.6	4690	10.1
	Resident	1180	263	31	294	24.9	3595	12.2
	Nonresident	287	95	74	169	58.9	1095	6.5
5	Inyan Kara	377	68	32	100	26.5	1336	13.4
	Resident	289	41	12	53	18.3	1042	19.7
	Nonresident	88	27	20	47	53.4	294	6.3
6	Skull Creek	256	50	0	50	19.5	685	13.7
	Resident	225	50	0	50	22.2	589	11.8
	Nonresident	31	0	0	0	0.0	96	0.0
7	South Osage	11	0	0	0	0.0	30	0.0
	Resident	6	0	0	0	0.0	22	0.0
	Nonresident	5	0	0	0	0.0	8	0.0
8	Upton-Four Horse	32	9	0	9	28.1	83	9.2
	Resident	17	0	0	0	0.0	35	0.0
	Nonresident	15	0	0	0	60.0	48	5.3
9	Blacktail Creek	29	9	12	21	72.4	112	5.3
	Resident	15	0	12	12	80.0	65	5.4
	Nonresident	14	9	0	9	64.3	47	5.2
10	Hampshire	29	4	0	4	13.8	74	18.5
	Resident	17	4	0	4	23.5	33	8.3
	Nonresident	12	0	0	0	0.0	41	0.0
	Mule Creek	58	21	0	21	36.2	178	8.5
	Resident	17	12	0	12	70.6	30	2.5
	Nonresident	41	9	0	9	22.0	148	16.4
12	Hat Creek	40	9	9	18	45.0	124	6.9
	Resident	15	0	0	0	0.0	22	0.0
	Nonresident	25	9	9	18	72.0	102	5.7
13	Lusk	73	0	34	34	46.6	209	6.1
	Resident	26	0	25	25	96.2	42	1.7
	Nonresident	47	0	9	9	19.1	167	18.6

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
14 Twenty Mile	28	0	0	0	0.0	72	0.0
Resident	13	0	0	0	0.0	21	0.0
Nonresident	15	0	0	0	0.0	51	0.0
15 Meadowdale	73	9	19	28	38.4	167	6.0
Resident	50	9	19	28	56.0	102	3.6
Nonresident	23	0	0	0	0.0	65	0.0
16 Hay Em	70	0	0	0	0.0	155	0.0
Resident	65	0	0	0	0.0	143	0.0
Nonresident	5	0	0	0	0.0	12	0.0
17 Northwest Gillette	36	12	0	12	33.3	98	8.2
Resident	17	12	0	12	70.6	41	3.4
Nonresident	19	0	0	0	0.0	57	0.0
18 Campbell	208	94	6	100	48.1	569	5.7
Resident	107	17	6	23	21.5	236	10.3
Nonresident	101	77	0	77	76.2	333	4.3
19 Pumpking Buttes	35	0	12	12	34.3	89	7.4
Resident	23	0	12	12	52.2	44	3.7
Nonresident	12	0	0	0	0.0	45	0.0
20 Clarkelen	17	0	0	0	0.0	62	0.0
Resident	10	0	0	0	0.0	27	0.0
Nonresident	7	0	0	0	0.0	35	0.0
21 Thunder Basin	68	25	1	26	38.2	160	6.2
Resident	37	25	0	25	67.6	78	3.1
Nonresident	31	0	1	1	3.2	82	82.0
22 Douglas	65	9	12	21	32.3	119	5.7
Resident	41	0	12	12	29.3	59	4.9
Nonresident	24	9	0	9	37.5	60	6.7
23 Clearmont	312	64	11	75	24.0	695	9.3
Resident	231	58	11	69	29.9	466	6.8
Nonresident	81	6	0	6	7.4	229	38.2
24 Sheridan	790	166	78	244	30.9	2251	9.2
Resident	702	149	78	227	32.3	2009	8.9
Nonresident	88	17	0	17	19.3	242	14.2
25 Tongue-Goose	100	4	0	4	4.0	384	96.0
Resident	82	4	0	4	4.9	316	79.0
Nonresident	18	0	0	0	0.0	68	0.0
26 Ucross	185	57	15	72	38.9	408	5.7
Resident	110	51	15	66	60.0	229	3.5
Nonresident	75	6	0	6	8.0	179	29.8

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
27 Buffalo	417	148	53	201	48.2	1116	5.6
Resident	273	125	47	172	63.0	714	4.2
Nonresident	144	23	6	29	20.1	402	13.9
28 Hunter Mesa	108	0	12	12	11.1	379	31.6
Resident	71	0	12	12	16.9	260	21.7
Nonresident	37	0	0	0	0.0	119	0.0
29 Johnson	47	12	12	24	51.1	104	4.3
Resident	27	12	12	24	88.9	49	2.0
Nonresident	20	0	0	0	0.0	55	0.0
30 Upper Powder River	113	36	27	63	55.8	276	4.4
Resident	57	30	27	57	100.0	123	2.2
Nonresident	56	6	0	6	10.7	153	25.5
31 Nine Mile	104	0	12	12	11.5	260	21.7
Resident	65	0	12	12	18.5	142	11.8
Nonresident	39	0	0	0	0.0	118	0.0
32 Barnum	59	0	23	23	39.0	131	5.7
Resident	31	0	23	23	74.2	49	2.1
Nonresident	28	0	0	0	0.0	82	0.0
33 Red Fork	234	23	23	46	19.7	485	10.5
Resident	136	0	6	6	4.4	204	34.0
Nonresident	98	23	17	40	40.8	281	7.0
34 Natrona	42	6	0	6	14.3	102	17.0
Resident	32	0	0	0	0.0	70	0.0
Nonresident	10	6	0	6	60.0	32	5.3
35 Upper Nowood	45	18	0	18	40.0	87	4.8
Resident	34	12	0	12	35.3	58	4.8
Nonresident	11	6	0	6	54.5	29	4.8
36 Badwater	55	12	0	12	21.8	114	9.5
Resident	45	12	0	12	26.7	74	6.2
Nonresident	10	0	0	0	0.0	40	0.0
37 Copper Mountain	52	11	0	11	21.2	126	11.5
Resident	38	11	0	11	28.9	79	7.2
Nonresident	14	0	0	0	0.0	47	0.0
38 Black MOuntain	19	0	0	0	0.0	39	0.0
Resident	16	0	0	0	0.0	32	0.0
Nonresident	3	0	0	0	0.0	7	0.0
39 Bates Creek	10	0	0	0	0.0	19	0.0
Resident	7	0	0	0	0.0	11	0.0
Nonresident	3	0	0	0	0.0	8	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
40 Buffalo Creek	39	23	0	23	59.0	84	3.7
Resident	24	23	0	23	95.8	37	1.6
Nonresident	15	0	0	0	0.0	47	0.0
41 Sand Creek	63	12	0	12	19.0	154	12.8
Resident	50	12	0	12	24.0	116	9.7
Nonresident	13	0	0	0	0.0	38	0.0
42 Otter Creek	46	12	0	12	26.1	125	10.4
Resident	23	12	0	12	52.2	51	4.3
Nonresident	23	0	0	0	0.0	74	0.0
43 Canyon Creek	31	0	0	0	0.0	87	0.0
Resident	15	0	0	0	0.0	35	0.0
Nonresident	16	0	0	0	0.0	52	0.0
44 Brokenback Creek	53	0	0	0	0.0	133	0.0
Resident	40	0	0	0	0.0	90	0.0
Nonresident	13	0	0	0	0.0	43	0.0
45 Paintrock Creek	67	0	0	0	0.0	185	0.0
Resident	54	0	0	0	0.0	152	0.0
Nonresident	13	0	0	0	0.0	33	0.0
46 Paintrock - Leigh Creek V	19	0	0	0	0.0	63	0.0
Resident	15	0	0	0	0.0	52	0.0
Nonresident	4	0	0	0	0.0	11	0.0
47 Manderson	10	0	0	0	0.0	25	0.0
Resident	8	0	0	0	0.0	18	0.0
Nonresident	2	0	0	0	0.0	7	0.0
48 Upper Medicine Lodge Creek	18	0	0	0	0.0	60	0.0
Resident	12	0	0	0	0.0	48	0.0
Nonresident	6	0	0	0	0.0	12	0.0
49 Trapper Creek	30	0	0	0	0.0	93	0.0
Resident	24	0	0	0	0.0	74	0.0
Nonresident	6	0	0	0	0.0	19	0.0
50 Upper Shell Creek Beaver Creek	57	0	0	0	0.0	196	0.0
Resident	41	0	0	0	0.0	145	0.0
Nonresident	16	0	0	0	0.0	51	0.0
51 Beaver Creek	13	12	0	12	92.3	30	2.5
Resident	12	12	9	12	100.0	25	2.1
Nonresident	1	0	0	0	0.0	5	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
52 Bear Creek	40	0	0	0	0.0	124	0.0
Resident	33	0	0	0	0.0	100	0.0
Nonresident	7	0	0	0	0.0	24	0.0
53 Sheep Mountain	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
54 Medicine Mountain	31	0	0	0	0.0	69	0.0
Resident	30	0	0	0	0.0	67	0.0
Nonresident	1	0	0	0	0.0	2	0.0
55 Rock Eagle	115	25	25	50	43.5	359	7.2
Resident	108	25	25	50	46.3	339	6.8
Nonresident	7	0	0	0	0.0	20	0.0
56 Uva	97	19	28	47	48.5	221	4.7
Resident	89	19	28	47	52.8	203	4.3
Nonresident	8	0	0	0	0.0	18	0.0
57 Southeast	58	28	4	32	55.2	162	5.1
Resident	58	28	4	32	55.2	162	5.1
Nonresident	0	0	0	0	0.0	0	0.0
58 Horse Creek	35	9	0	9	25.7	70	7.8
Resident	33	9	0	9	27.3	66	7.3
Nonresident	2	0	0	0	0.0	4	0.0
59 Little Bear	30	9	0	9	30.0	56	6.2
Resident	28	9	0	9	32.1	50	5.6
Nonresident	2	0	0	0	0.0	6	0.0
60 Pole Mountain	49	10	1	11	22.4	122	11.1
Resident	43	6	0	6	14.0	102	17.0
Nonresident	6	4	1	5	83.3	20	4.0
61 Harriman	10	0	0	0	0.0	20	0.0
Resident	9	0	0	0	0.0	18	0.0
Nonresident	1	0	0	0	0.0	2	0.0
62 Iron Mountain	40	0	0	0	0.0	83	0.0
Resident	32	0	0	0	0.0	64	0.0
Nonresident	8	0	0	0	0.0	19	0.0
63 Richeau	130	17	9	26	20.0	247	9.5
Resident	107	13	9	22	20.6	190	8.6
Nonresident	23	4	0	4	17.4	57	14.3
64 Laramie Peak	205	35	69	104	50.7	499	4.8
Resident	172	31	69	100	58.1	383	3.8
Nonresident	33	4	0	4	12.1	116	29.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
65 North Laramie Peak	472	132	137	269	57.0	1174	4.4
Resident	359	108	124	232	64.6	796	3.4
Nonresident	113	24	13	37	32.7	378	10.2
66 Hat Six	126	36	3	39	31.0	277	7.1
Resident	108	36	3	39	36.1	215	5.5
Nonresident	18	0	0	0	0.0	62	0.0
67 Casper Mountain	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
68 Lower Bates Creek	56	12	0	12	21.4	113	9.4
Resident	47	12	0	12	25.5	92	7.7
Nonresident	9	0	0	0	0.0	21	0.0
69 Bolton Creek	18	0	0	0	0.0	30	0.0
Resident	16	0	0	0	0.0	25	0.0
Nonresident	2	0	0	0	0.0	5	0.0
70 Hanna-Muddy Creek	18	0	10	10	55.6	67	6.7
Resident	10	0	10	10	100.0	30	3.0
Nonresident	8	0	0	0	0.0	37	0.0
71 Shirley Mountain	32	0	9	9	28.1	77	8.6
Resident	26	0	9	9	34.6	57	6.3
Nonresident	6	0	0	0	0.0	20	0.0
72 Pedro Mountain	15	0	0	0	0.0	25	0.0
Resident	12	0	0	0	0.0	17	0.0
Nonresident	3	0	0	0	0.0	8	0.0
73 Boswell	9	0	4	4	44.4	18	4.5
Resident	5	0	0	0	0.0	9	0.0
Nonresident	4	0	4	4	100.0	9	2.3
74 Kyle	23	9	5	14	60.9	57	4.1
Resident	20	9	5	14	70.0	43	3.1
Nonresident	3	0	0	0	0.0	14	0.0
75 Four Mile	61	17	1	18	29.5	141	7.8
Resident	55	17	1	18	32.7	121	6.7
Nonresident	6	0	0	0	0.0	20	0.0
76 Sheep Mountain	107	9	0	9	8.4	313	34.8
Resident	103	9	0	9	8.7	298	33.1
Nonresident	4	0	0	0	0.0	15	0.0
77 Boulder Ridge	8	0	0	0	0.0	18	0.0
Resident	8	0	0	0	0.0	18	0.0
Nonresident	0	0	0	0	0.0	0	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
78 French Creek	36	0	0	0	0.0	90	0.0
Resident	31	0	0	0	0.0	75	0.0
Nonresident	5	0	0	0	0.0	15	0.0
79 Kennaday Peak	80	0	0	0	0.0	251	0.0
Resident	68	0	0	0	0.0	206	0.0
Nonresident	12	0	0	0	0.0	45	0.0
80 Spring Creek	92	0	4	4	4.3	240	60.0
Resident	72	0	4	4	5.6	177	44.3
Nonresident	20	0	0	0	0.0	63	0.0
81 Blackhill	61	0	0	0	0.0	144	0.0
Resident	50	0	0	0	0.0	117	0.0
Nonresident	11	0	0	0	0.0	27	0.0
82 Baggs	252	48	28	76	30.2	605	8.0
Resident	217	44	28	72	33.2	484	6.7
Nonresident	35	4	0	4	11.4	121	30.3
83 Bolton Rim	9	0	0	0	0.0	19	0.0
Resident	5	0	0	0	0.0	9	0.0
Nonresident	4	0	0	0	0.0	10	0.0
84 Atlantic Rim	4	0	3	3	75.0	10	3.3
Resident	1	0	0	0	0.0	2	0.0
Nonresident	3	0	3	3	100.0	8	2.7
85 Southeast Creston	5	0	0	0	0.0	8	0.0
Resident	3	0	0	0	0.0	5	0.0
Nonresident	2	0	0	0	0.0	3	0.0
86 Haystack	7	0	0	0	0.0	14	0.0
Resident	7	0	0	0	0.0	14	0.0
Nonresident	0	0	0	0	0.0	0	0.0
87 Ferris	36	0	0	0	0.0	89	0.0
Resident	29	0	0	0	0.0	70	0.0
Nonresident	7	0	0	0	0.0	19	0.0
88 Kendrick	19	0	0	0	0.0	37	0.0
Resident	18	0	0	0	0.0	35	0.0
Nonresident	1	0	0	0	0.0	2	0.0
89 Rattlesnake	19	12	0	12	63.2	41	3.4
Resident	17	12	0	12	70.6	36	3.0
Nonresident	2	0	0	0	0.0	5	0.0
90 Muskrat	20	0	0	0	0.0	38	0.0
Resident	19	0	0	0	0.0	35	0.0
Nonresident	1	0	0	0	0.0	3	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

	AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
91	Popo Agie	91	0	0	0	0.0	241	0.0
	Resident	83	0	0	0	0.0	214	0.0
	Nonresident	8	0	0	0	0.0	27	0.0
92	Table Mountain	103	0	0	0	0.0	296	0.0
	Resident	95	0	0	0	0.0	271	0.0
	Nonresident	8	0	0	0	0.0	25	0.0
93	Upper Sweetwater	28	0	0	0	0.0	80	0.0
	Resident	26	0	0	0	010	77	0.0
	Nonresident	2	0	0	0	0.0	3	0.0
94	Twin Creek	67	0	0	0	0.0	157	0.0
	Resident	64	0	0	0	0.0	149	0.0
	Nonresident	3	0	0	0	0.0	8	0.0
95	South Pass	118	0	0	0	0.0	274	0.0
	Resident	114	0	0	0	0.0	265	0.0
	Nonresident	4	0	0	0	0.0	9	0.0
96	Green Mountain-Crooks Mountain	8	0	0	0	0.0	17	0.0
	Resident	7	0	0	0	0.0	15	0.0
	Nonresident	1	0	0	0	0.0	2	0.0
97	Sweetwater Rock	18	3	0	3	16.7	36	12.0
	Resident	15	0	0	0	0.0	29	0.0
	Nonresident	3	3	0	3	100.0	7	2.3
98	Chain Lakes	4	0	0	0	0.0	5	0.0
	Resident	4	0	0	0	0.0	5	0.0
	Nonresident	0	0	0	0	0.0	0	0.0
99	Table Rock	9	0	0	0	0.0	25	0.0
	Resident	9	0	0	0	0.0	25	0.0
	Nonresident	0	0	0	0	0.0	0	0.0
100	South Wamsutter	13	0	0	0	0.0	29	0.0
	Resident	9	0	0	0	0.0	16	0.0
	Nonresident	4	0	0	0	0.0	13	0.0
101	Black Butte	28	0	0	0	0.0	67	0.0
	Resident	26	0	0	0	0.0	61	0.0
	Nonresident	2	0	0	0	0.0	6	0.0
102	Aspen Mountain	158	27	0	27	17.1	344	12.7
	Resident	148	27	0	27	18.2	315	11.7
	Nonresident	10	0	0	0	0.0	29	0.0
103	Pine Mountain	38	0	0	0	0.0	94	0.0
	Resident	33	0	0	0	0.0	81	0.0
	Nonresident	5	0	0	0	0.0	13	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
104 Little Mountain	47	3	0	3	6.4	108	36.0
Resident	42	0	0	0	0.0	87	0.0
Nonresident	5	3	0	3	60.0	21	7.0
105 Beartooth	37	0	0	0	0.0	101	0.0
Resident	33	0	0	0	0.0	91	0.0
Nonresident	4	0	0	0	0.0	10	0.0
106 Crandall	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
107 Sunlight	10	0	0	0	0.0	33	0.0
Resident	9	0	0	0	0.0	30	0.0
Nonresident	1	0	0	0	0.0	3	0.0
108 Dead Indian	18	0	0	0	0.0	43	0.0
Resident	15	0	0	0	0.0	32	0.0
Nonresident	3	0	0	0	0.0	11	0.0
109 Bald Ridge	60	4	0	4	6.7	145	36.3
Resident	49	0	0	0	0.0	113	0.0
Nonresident	11	4	0	4	36.4	32	8.0
110 Grinnell	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
111 Elk Folk	34	0	0	0	0.0	108	0.0
Resident	28	0	0	0	0.0	87	0.0
Nonresident	6	0	0	0	0.0	21	0.0
112 Ishawooa	24	0	0	0	0.0	56	0.0
Resident	19	0	0	0	0.0	42	0.0
Nonresident	5	0	0	0	0.0	14	0.0
113 Boulder	57	0	0	0	0.0	177	0.0
Resident	43	0	0	0	0.0	120	0.0
Nonresident	14	0	0	0	0.0	57	0.0
114 Wall Mountain	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
115 Thorofare	10	0	0	0	0.0	67	0.0
Resident	5	0	0	0	0.0	41	0.0
Nonresident	5	0	0	0	0.0	26	0.0
116 North Greybull River	14	0	0	0	0.0	43	0.0
Resident	9	0	0	0	0.0	25	0.0
Nonresident	5	0	0	0	0.0	18	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
117 South Greybull River	7	0	0	0	0.0	23	0.0
Resident	4	0	0	0	0.0	13	0.0
Nonresident	3	0	0	0	0.0	10	0.0
118 Wood River-Gooseberry Creek	1	0	0	0	0.0	4	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	1	0	0	0	0.0	4	0.0
119 Anchor	13	0	0	0	0.0	35	0.0
Resident	10	0	0	0	0.0	23	0.0
Nonresident	3	0	0	0	0.0	12	0.0
120 Hamilton Dome	16	0	0	0	0.0	40	0.0
Resident	13	0	0	0	0.0	29	0.0
Nonresident	2	0	0	0	0.0	11	0.0
121 Sand Coolee	9	0	0	0	0.0	19	0.0
Resident	9	0	0	0	0.0	19	0.0
Nonresident	0	0	0	0	0.0	0	0.0
122 Shoshone River	159	12	0	12	7.5	436	36.3
Resident	150	12	0	12	8.0	403	33.6
Nonresident	9	0	0	0	0.0	33	0.0
123 Lovell	33	12	0	12	36.4	96	8.0
Resident	33	12	0	12	36.4	96	8.0
Nonresident	0	0	0	0	0.0	0	0.0
124 Emblem	111	4	0	4	3.6	254	63.5
Resident	99	0	0	0	0.0	219	0.0
Nonresident	12	4	0	4	33.3	35	8.8
125 Fifteen Mile	70	0	12	12	17.1	161	13.4
Resident	66	0	12	12	18.2	148	12.3
Nonresident	4	0	0	0	0.0	13	0.0
126 Neiber	32	0	0	0	0.0	59	0.0
Resident	30	0	0	0	0.0	54	0.0
Nonresident	2	0	0	0	0.0	5	0.0
127 Cottonwood	9	0	0	0	0.0	30	0.0
Resident	8	0	0	0	0.0	26	0.0
Nonresident	1	0	0	0	0.0	4	0.0
128 Wind River	53	0	0	0	0.0	242	0.0
Resident	50	0	0	0	0.0	225	0.0
Nonresident	3	0	0	0	0.0	17	0.0
129 Wind River-Off Forest	27	0	0	0	0.0	107	0.0
Resident	25	0	0	0	0.0	98	0.0
Nonresident	2	0	0	0	0.0	9	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
130 Big Sandy	37	0	0	0	0.0	117	0.0
Resident	36	0	0	0	0.0	112	0.0
Nonresident	1	0	0	0	0.0	5	0.0
131 Steamboat	69	2	0	2	2.9	120	60.0
Resident	67	2	0	2	3.0	116	58.0
Nonresident	2	0	0	0	0.0	4	0.0
132 Cedar Mountain	39	0	0	0	0.0	96	0.0
Resident	39	0	0	0	0.0	96	0.0
Nonresident	0	0	0	0	0.0	0	0.0
133 Uinta	256	31	14	45	17.6	778	17.3
Resident	244	31	14	45	18.4	743	16.5
Nonresident	12	0	0	0	0.0	35	0.0
134 Carter Lease	303	61	66	127	41.9	800	6.3
Resident	275	51	63	114	41.5	673	5.9
Nonresident	28	10	3	13	46.4	127	9.8
135 Lincoln	134	16	19	35	26.1	422	12.1
Resident	108	16	16	32	29.6	310	9.7
Nonresident	26	0	3	3	11.5	112	37.3
136 Raymond Mountain	40	16	16	32	80.0	129	4.0
Resident	32	16	16	32	100.0	94	2.9
Nonresident	8	0	0	0	0.0	35	0.0
137 West Green River	122	0	0	0	0.0	332	0.0
Resident	112	0	0	0	0.0	296	0.0
Nonresident	10	0	0	0	0.0	36	0.0
138 Boulder	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
139 Pinedale	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
140 New Fork	40	0	0	0	0.0	151	0.0
Resident	33	0	0	0	0.0	124	0.0
Nonresident	7	0	0	0	0.0	27	0.0
141 Green River	21	0	0	0	0.0	75	0.0
Resident	17	0	0	0	0.0	56	0.0
Nonresident	4	0	0	0	0.0	19	0.0
142 Piney-Horse Creek	22	0	0	0	0.0	89	0.0
Resident	17	0	0	0	0.0	68	0.0
Nonresident	5	0	0	0	0.0	21	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
143 South Piney	86	4	0	4	4.7	369	92.3
Resident	65	0	0	0	0.0	252	0.0
Nonresident	21	4	0	4	19.0	117	29.3
144 Grey's River	34	16	0	16	47.1	148	9.3
Resident	22	16	0	16	72.7	89	5.6
Nonresident	12	0	0	0	0.0	59	0.0
145 Afton	19	0	0	0	0.0	87	0.0
Resident	15	0	0	0	0.0	73	0.0
Nonresident	4	0	0	0	0.0	14	0.0
146 Murphy Creek	4	0	0	0	0.0	11	0.0
Resident	1	0	0	0	0.0	1	0.0
Nonresident	3	0	0	0	0.0	10	0.0
147 Feedground	8	0	0	0	0.0	30	0.0
Resident	4	0	0	0	0.0	21	0.0
Nonresident	4	0	0	0	0.0	9	0.0
148 Teton	79	0	0	0	0.0	377	0.0
Resident	61	0	0	0	0.0	262	0.0
Nonresident	18	0	0	0	0.0	115	0.0
149 Targhee	53	4	0	4	7.5	182	45.5
Resident	47	0	0	0	0.0	159	0.0
Nonresident	6	4	0	4	66.7	23	5.8
150 Wilson	11	0	0	0	0.0	26	0.0
Resident	10	0	0	0	0.0	24	0.0
Nonresident	1	0	0	0	0.0	2	0.0
151 Fall Creek	94	0	0	0	0.0	304	0.0
Resident	77	0	0	0	0.0	213	0.0
Nonresident	17	0	0	0	0.0	91	0.0
152 Lower Hoback	95	4	0	4	4.2	456	114.0
Resident	71	4	0	4	5.6	337	84.3
Nonresident	24	0	0	0	0.0	119	0.0
153 Middle Hoback	22	0	0	0	0.0	90	0.0
Resident	16	0	0	0	0.0	69	0.0
Nonresident	6	0	0	0	0.0	21	0.0
154 Upper Hoback	25	0	0	0	0.0	109	0.0
Resident	20	0	0	0	0.0	82	0.0
Nonresident	5	0	0	0	0.0	27	0.0
155 South Grovont	21	0	0	0	0.0	116	0.0
Resident	16	0	0	0	0.0	89	0.0
Nonresident	5	0	0	0	0.0	27	0.0

Table 5 - Whitetail Deer Harvest by Area for 1980.

AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
156 Spread Creek	67	0	0	0	0.0	325	0.0
Resident	60	0	0	0	0.0	293	0.0
Nonresident	7	0	0	0	0.0	32	0.0
157 Boysen	32	0	0	0	0.0	59	0.0
Resident	31	0	0	0	0.0	56	0.0
Nonresident	1	0	0	0	0.0	3	0.0
158 Ormsby	53	12	0	12	22.6	98	8.2
Resident	46	12	0	12	26.1	79	6.6
Nonresident	7	0	0	0	0.0	19	0.0
159 Crystal Creek	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0.0	0	0.0
160 Beaver Creek	17	0	0	0	0.0	39	0.0
Resident	17	0	0	0	0.0	39	0.0
Nonresident	0	0	0	0	0.0	0	0.0
STATE TOTAL	19189	4579	2435	7014	36.6	57445	8.2
Resident	12970	2456	1338	3794	29.3	35901	9.5
Nonresident	6219	2123	1097	3220	51.8	21544	6.7

Table 6 - Whitetail Deer Harvest by Herd Unit for 1980.

	AREA	HUNTERS	ANTLERED	ANTLERLESS	TOTAL	HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
1	Black Hills	8310	3104	1597	4701	56.6	30983	6.6
	Resident	4202	1268	569	1837	43.7	16118	8.8
	Nonresident	4108	1836	1028	2864	69.7	14865	5.2
2	Thunder Basin	684	192	74	266	38.9	1849	7.0
	Resident	344	70	55	125	36.3	709	5.7
	Nonresident	340	122	19	141	41.5	1140	8.1
3	Southeast Wyoming	747	149	150	299	40.0	1899	6.4
	Resident	642	141	150	291	45.3	1586	5.5
	Nonresident	105	8	0	8	7.6	313	39.1
4	Powder River	2052	518	266	784	38.2	5365	6.8
	Resident	1407	437	243	680	48.3	3490	5.1
	Nonresident	645	81	23	104	16.1	1875	18.0
5	Bighorn Basin	1172	124	24	148	12.6	4388	29.6
	Resident	898	110	24	134	14.9	3347	25.0
	Nonresident	274	14	0	14	5.1	1041	74.4
6	Laramie River	554	45	34	79	14.3	1687	21.4
	Resident	463	41	29	70	15.1	1359	19.4
	Nonresident	91	4	5	9	9.9	328	36.4
7	Central Herd	667	182	144	326	48.9	1623	5.0
	Resident	522	158	131	289	55.4	1150	4.0
	Nonresident	145	24	13	37	25.5	473	12.8
8	Rest Of State	2068	265	146	411	19.9	9132	22.2
	Resident	1754	231	137	368	21.0	7594	20.6
	Nonresident	314	34	9	43	13.7	1538	35.8
9	STATE TOTALS	16254	4579	2435	7014	43.2	56926	8.1
	Resident	10232	2456	1338	3794	37.1	35353	9.3
	Nonresident	6022	2123	1097	3220	53.5	21573	6.7

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

	AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
			BULL	SPIKE	COW	CALF	TOTAL			
1	Black Hills	73	14	7	16	5	42	57.5	413	9.8
	Resident	58	13	6	13	4	36	62.1	331	9.2
	Nonresident	15	1	1	3	1	6	40.0	82	13.7
2	Fortification	0	0	0	0	0	0	0.0	0	0.0
	Resident	0	0	0	0	0	0	0.0	0	0.0
	Nonresident	0	0	0	0	0	0	0.0	0	0.0
3	Muskrat	43	3	1	11	2	17	39.5	126	7.4
	Resident	35	3	0	8	2	13	37.1	94	7.2
	Nonresident	8	0	1	3	0	4	50.0	32	8.0
4	Rawhide Butte	21	2	0	2	0	4	19.0	32	8.0
	Resident	20	2	0	2	0	4	20.0	31	7.8
	Nonresident	1	0	0	0	0	0	0.0	1	0.0
5	Iron Mountain	79	14	4	8	3	29	36.7	220	7.6
	Resident	75	14	3	8	3	28	37.3	211	7.5
	Nonresident	4	0	1	0	0	1	25.0	9	9.0
6	Pole Mountain	41	0	2	2	0	4	9.8	114	28.5
	Resident	38	0	2	2	0	4	10.5	107	26.8
	Nonresident	3	0	0	0	0	0	0.0	7	0.0
7	Laramie Peak	846	75	45	147	40	307	36.3	2904	9.5
	Resident	759	62	45	120	37	264	34.8	2547	9.6
	Nonresident	87	13	0	27	3	43	49.4	357	8.3
8	Boulder Ridge	405	6	0	3	6	15	3.7	1451	96.7
	Resident	405	6	0	3	6	15	3.7	1451	96.7
	Nonresident	0	0	0	0	0	0	0.0	0	0.0
9	South Snowy Range	1703	68	86	52	27	233	13.7	6424	27.6
	Resident	1675	67	77	52	27	223	13.3	6315	28.3
	Nonresident	28	1	9	0	0	10	35.7	109	10.9
10	Rock Creek	1093	16	36	76	10	138	12.6	3860	28.0
	Resident	1082	15	36	72	10	133	12.3	3800	28.6
	Nonresident	11	1	0	4	0	5	45.5	60	12.0
11	Medicine Bow River	633	14	35	36	5	90	14.2	2081	23.1
	Resident	613	14	34	26	5	79	12.9	1998	25.3
	Nonresident	20	0	1	10	0	11	55.0	83	7.5
12	Kennaday Peak	1562	90	79	120	34	323	20.7	6613	20.5
	Resident	1495	83	69	109	34	295	19.7	6266	21.2
	Nonresident	67	7	10	11	0	28	41.8	347	12.4
13	Big Creek	830	36	15	47	9	107	12.9	2811	26.3
	Resident	801	32	11	43	7	93	11.6	2720	29.2
	Nonresident	29	4	4	4	2	14	48.3	91	6.5

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
14 Hog Park	959	13	35	56	9	113	11.8	2495	22.1
Resident	895	13	33	50	7	103	11.5	2296	22.3
Nonresident	64	0	2	6	2	10	15.6	199	19.9
15 Spring Creek	1095	45	38	23	12	118	10.8	3164	26.8
Resident	1054	45	34	21	10	110	10.4	3045	27.7
Nonresident	41	0	4	2	2	8	19.5	119	14.9
16 Shirley Mountain	289	36	49	65	11	161	55.7	965	6.0
Resident	241	29	39	48	9	125	51.9	743	5.9
Nonresident	48	7	10	17	2	36	75.0	222	6.2
17 Pedro Mountain	92	2	2	12	2	18	19.6	228	12.7
Resident	80	2	2	7	2	13	16.3	191	14.7
Nonresident	12	0	0	5	0	5	41.7	37	7.4
18 Bear Creek	68	2	0	6	0	8	11.8	128	16.0
Resident	57	2	0	4	0	6	10.5	105	17.5
Nonresident	11	0	0	2	0	2	18.2	23	11.5
19 Muddy Mountain	138	22	14	23	2	61	44.2	672	11.0
Resident	113	20	13	19	2	54	47.8	512	9.5
Nonresident	25	2	1	4	0	7	28.0	160	22.9
20 North Laramie Peak	649	40	10	49	19	118	18.2	1864	15.8
Resident	559	33	0	29	12	74	13.2	1531	20.7
Nonresident	90	7	10	20	7	44	48.9	333	7.6
21 Baggs	2654	113	163	412	74	762	28.7	9766	12.8
Resident	2530	99	159	371	68	697	27.5	9259	13.3
Nonresident	124	14	4	41	6	65	52.4	507	7.8
22 Ferris	95	14	10	31	5	60	63.2	390	6.5
Resident	75	7	10	24	5	46	61.3	306	6.7
Nonresident	20	7	0	7	0	14	70.0	84	6.0
23 Rattlesnake	47	10	6	14	3	33	70.2	120	3.6
Resident	37	7	4	11	3	25	67.6	96	3.8
Nonresident	10	3	2	3	0	8	80.0	24	3.0
24 Green Mountain	195	20	25	39	4	88	45.1	1180	13.4
Resident	156	16	16	32	4	68	43.6	948	13.9
Nonresident	39	4	9	7	0	20	51.3	232	11.6
25 South Pass	145	0	0	6	0	6	4.1	453	75.5
Resident	144	0	0	6	0	6	4.2	446	74.3
Nonresident	1	0	0	0	0	0	0.0	7	0.0
26 Twin Creek	390	4	3	5	1	13	3.3	1475	113.5
Resident	372	0	3	4	0	7	1.9	1373	196.1
Nonresident	18	4	0	1	1	6	33.3	102	17.0

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
27 Upper Sweetwater	338	4	0	34	0	38	11.2	1708	44.9
Resident	318	0	0	34	0	34	10.7	1616	47.5
Nonresident	20	4	0	0	0	4	20.0	92	23.0
28 Cony Mountain	1202	41	64	95	15	215	17.9	5767	26.8
Resident	1148	34	60	91	14	199	17.3	5470	27.5
Nonresident	54	7	4	4	1	16	29.6	297	18.6
29 Mount Arter	731	37	39	19	11	106	14.5	2392	22.6
Resident	695	33	32	18	11	94	13.5	2207	23.5
Nonresident	36	4	7	1	0	12	33.3	185	15.4
30 Aspen Mountain	49	7	3	5	3	18	36.7	275	15.3
Resident	48	7	2	5	3	17	35.4	265	15.6
Nonresident	1	0	1	0	0	1	100.0	10	10.0
31 Little Mountain	69	8	5	21	0	34	49.3	312	9.2
Resident	59	6	3	19	0	28	47.5	243	8.7
Nonresident	10	2	2	2	0	6	60.0	69	11.5
32 Pine Mountain	69	7	0	13	0	20	29.0	463	23.2
Resident	62	5	0	12	0	17	27.4	429	25.2
Nonresident	7	2	0	1	0	3	42.9	34	11.3
33 Middle Fork	233	14	14	54	4	86	36.9	1292	15.0
Resident	216	13	13	54	4	84	38.9	1194	14.2
Nonresident	17	1	1	0	0	2	11.8	98	49.0
34 Upper Powder River	762	58	55	101	20	234	30.7	4649	19.9
Resident	687	51	43	89	19	202	29.4	4205	20.8
Nonresident	75	7	12	12	1	32	42.7	444	13.9
35 Hunter Mesa	1067	25	20	26	10	81	7.6	5526	68.2
Resident	1043	25	15	23	10	73	7.0	5320	72.9
Nonresident	24	0	5	3	0	8	33.3	206	25.8
36 Rock Creek	763	27	27	40	7	101	13.2	3163	31.3
Resident	744	26	24	36	6	92	12.4	3037	33.0
Nonresident	19	1	3	4	1	9	47.4	126	14.0
37 Goose	1833	108	95	146	25	374	20.4	9267	24.8
Resident	1726	83	92	135	23	333	19.3	8643	26.0
Nonresident	107	25	3	11	2	41	38.3	624	15.2
38 Tongue	2511	96	127	141	26	390	15.5	13467	34.5
Resident	2386	88	116	128	26	358	15.0	12683	35.4
Nonresident	125	8	11	13	0	32	25.6	784	24.5
39 Deer Creek	581	25	22	58	9	114	19.6	2565	22.5
Resident	561	19	22	58	9	108	19.3	2443	22.6
Nonresident	20	6	0	0	0	6	30.0	122	20.3

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
40 Horse Creek	475	39	61	103	18	221	46.5	2332	10.6
Resident	438	37	58	95	18	208	47.5	2125	10.2
Nonresident	37	2	3	8	0	13	35.1	207	15.9
41 Trapper Creek	538	33	44	53	4	134	24.9	1638	12.2
Resident	495	31	44	44	4	123	24.8	1472	12.0
Nonresident	43	2	0	9	0	11	25.6	166	15.1
42 Manderson	248	0	4	5	4	13	5.2	625	48.1
Resident	232	0	4	5	4	13	5.6	601	46.2
Nonresident	16	0	0	0	0	0	0.0	24	0.0
43 Lower Nowood	379	13	3	12	0	28	7.4	1128	40.3
Resident	360	13	3	12	0	28	7.8	1061	37.9
Nonresident	19	0	0	0	0	0	0.0	67	0.0
44 Upper Shell Creek	386	15	42	25	13	95	24.6	977	10.3
Resident	349	13	31	18	13	75	21.5	875	11.7
Nonresident	37	2	11	7	0	20	54.1	102	5.1
45 Paintrock Creek	1274	15	86	111	11	223	17.5	5030	22.6
Resident	1196	15	85	91	11	202	16.9	4548	22.5
Nonresident	78	0	1	20	0	21	26.9	482	23.0
46 Leigh Creek	479	3	19	6	0	28	5.8	1478	52.8
Resident	468	3	19	6	0	28	6.0	1453	51.9
Nonresident	11	0	0	0	0	0	0.0	25	0.0
47 Copper Mountain	56	10	5	7	2	24	42.9	243	10.1
Resident	44	8	3	5	0	16	36.4	149	9.3
Nonresident	12	2	2	2	2	8	66.7	94	11.8
48 Upper Nowood	378	21	30	190	31	272	72.0	1135	4.2
Resident	337	17	20	178	31	246	73.0	996	4.0
Nonresident	41	4	10	12	0	26	63.4	139	5.3
49 Otter Creek	120	1	10	19	1	31	25.8	542	17.5
Resident	105	0	10	14	0	24	22.9	447	18.6
Nonresident	15	1	0	5	1	7	46.7	95	13.6
50 Beartooth	403	31	6	44	21	102	25.3	1579	15.5
Resident	364	29	3	33	19	84	23.1	1346	16.0
Nonresident	39	2	3	11	2	18	46.2	233	12.9
51 Crandall	690	93	25	52	0	170	24.6	3146	18.5
Resident	596	72	17	47	0	136	22.8	2483	18.3
Nonresident	94	21	8	5	0	34	36.2	663	19.5
52 Sunlight	900	46	29	61	6	142	15.8	3872	27.3
Resident	839	34	28	57	5	124	14.8	3438	27.7
Nonresident	61	12	1	4	1	18	29.5	434	24.1

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
53 Dead Indian	215	8	15	4	2	29	13.5	590	20.3
Resident	192	1	15	4	2	22	11.5	469	21.3
Nonresident	23	7	0	0	0	7	30.4	121	17.3
54 Bald Ridge	445	40	17	27	5	89	20.0	1272	14.3
Resident	422	36	16	23	2	77	18.2	1174	15.2
Nonresident	23	4	1	4	3	12	52.2	98	8.2
55 Grinnell	641	61	18	22	9	110	17.2	2857	26.0
Resident	601	49	15	21	9	94	15.6	2614	27.8
Nonresident	40	12	3	1	0	16	40.0	243	15.2
56 Elk Fork	446	18	11	33	12	74	16.6	1694	22.9
Resident	392	7	10	30	12	59	15.1	1418	24.0
Nonresident	54	11	1	3	0	15	27.8	276	18.4
57 Ishawooa	315	14	6	17	10	47	14.9	1121	23.9
Resident	274	7	5	15	10	37	13.5	814	22.0
Nonresident	41	7	1	2	0	10	24.4	307	30.7
58 Boulder	551	21	76	37	8	142	25.8	2068	14.6
Resident	512	14	65	37	8	124	24.2	1861	15.0
Nonresident	39	7	11	0	0	18	46.2	207	11.5
59 Wall Mountain	172	13	11	2	0	26	15.1	1022	39.3
Resident	145	6	7	2	0	15	10.3	858	57.2
Nonresident	27	7	4	0	0	11	40.7	164	14.9
60 Thorofare	517	103	17	51	5	176	34.0	4087	23.2
Resident	242	15	10	41	5	71	29.3	2304	32.5
Nonresident	275	88	7	10	0	105	38.2	1783	17.0
61 North Greybull River	682	37	73	64	17	191	28.0	3105	16.3
Resident	615	28	66	56	17	167	27.2	2815	16.9
Nonresident	67	9	7	8	0	24	35.8	290	12.1
62 South Greybull River	753	41	33	80	20	174	23.1	3051	17.5
Resident	701	40	30	69	20	159	22.7	2817	17.7
Nonresident	52	1	3	11	0	15	28.8	234	15.6
63 Wood River Gooseberry Creek	473	40	44	34	11	129	27.3	2478	19.2
Resident	436	33	44	26	8	111	25.5	2228	20.1
Nonresident	37	7	0	8	3	18	48.6	250	13.9
64 Owl Creek	251	34	29	32	0	95	37.8	935	9.8
Resident	238	34	29	32	0	95	39.9	868	9.1
Nonresident	13	0	0	0	0	0	0.0	67	0.0
65 McCullough Peaks	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
66 Basin	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
67 Wiggins Fork	2990	137	243	442	103	925	30.9	13164	14.2
Resident	2696	90	190	424	99	803	29.8	11531	14.4
Nonresident	294	47	53	18	4	122	41.5	1633	13.4
68 Warm Srpings	1362	33	65	74	25	197	14.5	5133	26.1
Resident	1277	26	58	61	25	170	13.3	4642	27.3
Nonresident	85	7	7	13	0	27	31.8	491	18.2
69 Whiskey Mountain	453	34	13	24	0	71	15.7	[illegible]	20.3
Resident	406	13	13	24	0	50	12.3	1244	24.9
Nonresident	47	21	0	0	0	21	44.7	196	9.3
70 Buffalo Fork	3091	215	106	287	43	651	21.1	14699	22.6
Resident	2823	158	81	262	43	544	19.3	13006	23.9
Nonresident	268	57	25	25	0	107	39.9	1693	15.8
71 Pacific Creek	1951	151	65	126	61	403	20.7	8329	20.7
Resident	1621	80	51	115	61	307	18.9	6256	20.4
Nonresident	330	71	14	11	0	96	29.1	2073	21.6
72 Berry Creek	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
73 Targhee-Alta	348	24	29	17	0	70	20.1	1784	25.5
Resident	263	6	22	13	0	41	15.6	1209	29.5
Nonresident	85	18	7	4	0	29	34.1	575	19.8
74 Ditch Creek	314	7	4	49	7	67	21.3	962	14.4
Resident	302	3	0	49	3	55	18.2	907	16.5
Nonresident	12	4	4	0	4	12	100.0	55	4.6
75 Snake River	214	11	4	28	5	48	22.4	814	17.0
Resident	185	11	0	27	5	43	23.2	710	16.5
Nonresident	29	0	4	1	0	5	17.2	104	20.8
76 Blacktail	261	4	4	47	54	109	41.8	846	7.8
Resident	239	0	0	43	54	97	40.6	797	8.2
Nonresident	22	4	4	4	0	12	54.5	49	4.1
77 National Elk Refugee	592	178	17	107	51	353	59.6	1331	3.8
Resident	549	155	17	103	51	326	59.4	1182	3.6
Nonresident	43	23	0	4	0	27	62.8	149	5.5
78 Wilson	167	5	5	27	11	48	28.7	602	12.5
Resident	162	5	5	26	11	47	29.0	577	12.3
Nonresident	5	0	0	1	0	1	20.0	25	25.0

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
79 Teton Park	1707	171	44	204	47	466	27.3	10182	21.8
Resident	1427	119	32	168	43	362	25.4	8452	23.3
Nonresident	280	52	12	36	4	104	37.1	1730	16.6
80 Sheep Creek	1123	55	18	162	40	275	24.5	4477	16.3
Resident	1060	37	11	158	40	246	23.2	4191	17.0
Nonresident	63	18	7	4	0	29	46.0	286	9.9
81 Spread Creek	3500	229	161	253	50	693	19.8	14981	21.6
Resident	3155	145	126	220	39	530	16.8	13207	24.9
Nonresident	345	84	35	33	11	163	47.2	1774	10.9
82 Crystal Creek	1236	122	109	74	35	340	27.5	6009	17.7
Resident	994	64	78	54	32	228	22.9	4421	19.4
Nonresident	242	58	31	20	3	112	46.3	1588	14.2
83 Upper Gros Ventre	924	108	54	117	8	287	31.1	4761	16.6
Resident	790	77	35	99	8	219	27.7	4052	18.5
Nonresident	134	31	19	18	0	68	50.7	709	10.4
84 Lower Hobak	1869	164	193	194	24	575	30.8	10735	18.7
Resident	1609	111	161	162	20	454	28.2	9115	20.1
Nonresident	260	53	32	32	4	121	46.5	1620	13.4
85 Fall Creek	1696	123	133	176	13	445	26.2	7619	17.1
Resident	1391	60	91	133	13	297	21.4	5720	19.3
Nonresident	305	63	42	43	0	148	48.5	1899	12.8
86 Middle Hobak	1004	48	10	103	3	164	16.3	5580	34.0
Resident	906	30	6	96	3	135	14.9	5075	37.6
Nonresident	98	18	4	7	0	29	29.6	505	17.4
87 Upper Hobak	1078	60	24	113	33	230	21.3	5311	23.1
Resident	935	50	6	101	28	185	19.8	4639	25.1
Nonresident	143	10	18	12	5	45	31.5	672	14.9
88 Greys Feedground	144	5	14	27	7	53	36.8	538	10.2
Resident	123	4	12	24	6	46	37.4	456	9.9
Nonresident	21	1	2	3	1	7	33.3	82	11.7
89 Murphy Creek	242	26	4	18	12	60	24.8	861	14.4
Resident	214	25	0	12	11	48	22.4	747	15.6
Nonresident	28	1	4	6	1	12	42.9	114	9.5
90 Middle Ridge	532	10	32	11	7	60	11.3	1594	26.6
Resident	451	4	20	11	7	42	9.3	1271	30.3
Nonresident	81	6	12	0	0	18	22.2	323	17.9
91 Afton	1758	191	117	79	22	409	23.3	7620	18.6
Resident	1562	155	110	74	18	357	22.9	6662	18.7
Nonresident	196	36	7	5	4	52	26.5	958	18.4

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
92 Piney-Horse Creek	939	110	26	70	23	229	24.4	4440	19.4
Resident	869	101	15	64	22	202	23.2	4057	20.1
Nonresident	70	9	11	6	1	27	38.6	383	14.2
93 Lower Piney	394	24	27	17	3	71	18.0	1397	19.7
Resident	351	20	23	14	0	57	16.2	1179	20.7
Nonresident	43	4	4	3	3	14	32.6	218	15.6
94 South Piney	1426	52	71	138	22	283	19.8	7630	27.0
Resident	1318	49	61	130	19	259	19.7	6708	25.9
Nonresident	108	3	10	8	3	24	22.2	922	38.4
95 Green River	576	94	31	179	36	340	59.0	3292	9.7
Resident	473	67	18	149	33	267	56.4	2689	10.1
Nonresident	103	27	13	30	3	73	70.9	603	8.3
96 New Fork	1171	91	38	86	32	247	21.1	5557	22.5
Resident	1076	49	30	69	32	180	16.7	4962	27.6
Nonresident	95	42	8	17	0	67	70.5	595	8.9
97 Pinedale	675	66	22	46	12	146	21.6	3276	22.4
Resident	547	26	9	43	12	90	16.5	2500	27.8
Nonresident	128	40	13	3	0	56	43.8	776	13.9
98 Boulder	860	76	27	58	14	175	20.3	4361	24.9
Resident	771	33	23	42	14	112	14.5	3889	34.7
Nonresident	89	43	4	16	0	63	70.8	472	7.5
99 Big Sandy	497	33	22	34	12	101	20.3	2895	28.7
Resident	472	30	19	31	10	90	19.1	2781	30.9
Nonresident	25	3	3	3	2	11	44.0	114	10.4
100 Steamboat	204	9	20	80	7	116	56.9	625	5.4
Resident	189	7	20	76	7	110	58.2	579	5.3
Nonresident	15	2	0	4	0	6	40.0	46	7.7
101 White Mountain	76	5	0	14	0	19	25.0	166	8.7
Resident	73	5	0	14	0	19	26.0	155	8.2
Nonresident	3	0	0	0	0	0	0.0	11	0.0
102 West Green River	1321	63	53	100	11	227	17.2	5699	25.1
Resident	1263	58	46	95	9	208	16.5	5369	25.8
Nonresident	58	5	7	5	2	19	32.8	330	17.4
103 Raymond Mountain	596	53	34	47	0	134	22.5	2112	15.8
Resident	547	53	25	28	0	106	19.4	1900	17.9
Nonresident	49	0	9	19	0	28	57.1	212	7.6
104 Lincoln	1532	43	78	27	11	159	10.4	6619	41.6
Resident	1428	39	66	14	9	128	9.0	6062	47.4
Nonresident	104	4	12	13	2	31	29.8	557	18.0

Table 7 - Elk Harvest, Hunting Pressure and Hunter Success Ratios by Area for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
105 Carter Lease	334	0	0	0	0	0	0.0	920	0.0
Resident	330	0	0	0	0	0	0.0	912	0.0
Nonresident	4	0	0	0	0	0	0.0	8	0.0
106 Uinta	1129	49	11	36	44	140	12.4	5126	36.6
Resident	1125	49	11	36	44	140	12.4	5106	36.5
Nonresident	4	0	0	0	0	0	0.0	20	0.0
107 Cedar Mountain	136	0	0	0	0	0	0.0	379	0.0
Resident	136	0	0	0	0	0	0.0	379	0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
108 South Rawlins	100	7	10	39	5	61	61.0	457	7.5
Resident	85	7	10	30	5	52	61.2	385	7.4
Nonresident	15	0	0	9	0	9	60.0	72	8.0
109 Dickie Springs	35	2	3	0	0	5	14.3	80	16.0
Resident	31	2	2	0	0	4	12.9	68	17.0
Nonresident	4	0	1	0	0	1	25.0	12	12.0
110 Upper Platte River	1796	81	71	124	30	306	17.0	7587	24.8
Resident	1753	69	64	117	30	280	16.0	7388	26.4
Nonresident	43	12	7	7	0	26	60.5	199	7.7
111 Seminoe	45	3	4	16	4	27	60.0	153	5.7
Resident	32	1	4	9	2	16	50.0	106	6.6
Nonresident	13	2	0	7	2	11	84.6	47	4.3
112 Medicine Lodge	514	25	50	93	24	192	37.4	1831	9.5
Resident	467	22	44	84	22	172	36.8	1645	9.6
Nonresident	47	3	6	9	2	20	42.6	186	9.3
113 Rochelle Hills	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
114 Arligton	1	0	1	0	0	1	100.0	1	1.0
Resident	1	0	1	0	0	1	100.0	1	1.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
115 Nowater	31	0	0	6	0	6	19.4	49	8.2
Resident	28	0	0	6	0	6	21.4	37	6.2
Nonresident	3	0	0	0	0	0	0.0	12	0.0
State Totals	79084	4863	3917	7074	1574	17428	22.0	342824	19.7
Resident	72160	3631	3271	6257	1470	14629	20.3	304637	20.8
Nonresident	6924	1232	646	817	104	2799	40.4	38187	13.6

Table 7-A - Elk Harvest Statewide by Total Hunters.

HUNT AREA	NUMBER HUNTERS	HARVEST					HUNTER PERCENT SUCCESS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL		
State Total								
Resident	48547	3631	3271	6257	1470	14629	30.1	20.8
Nonresident	5725	1232	646	817	104	2799	48.9	13.6
Total	54272	4863	3917	7074	1574	17428	32.1	19.7

Table 8 - Elk Harvest by Herd Unit for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
1 Black Hills	74	14	7	16	5	42	56.8	413	9.8
Resident	59	13	6	13	4	36	61.0	331	9.2
Nonresident	15	1	1	3	1	6	40.0	82	13.7
2 Fortification	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
3 Rochelle Hills	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
4 Rawhide	43	5	1	13	2	21	48.8	158	7.5
Resident	35	5	0	10	2	17	48.6	125	7.4
Nonresident	8	0	1	3	0	4	50.0	33	8.3
5 Iron Mountain	96	14	6	10	3	33	34.4	334	10.1
Resident	91	14	5	10	3	32	35.2	318	9.9
Nonresident	5	0	1	0	0	1	20.0	16	16.0
6 Laramie Peak	965	115	55	196	59	425	44.0	4768	11.2
Resident	823	95	45	149	49	338	41.1	4078	12.1
Nonresident	142	20	10	47	10	87	61.3	690	7.9
7 Snowy Range	6505	311	323	458	121	1213	18.6	30828	25.4
Resident	6303	286	292	422	119	1119	17.8	29939	26.8
Nonresident	202	25	31	36	2	94	46.5	889	9.5
8 Baggs	3513	178	246	530	100	1054	30.0	15882	15.1
Resident	3322	164	236	472	90	962	29.0	14985	15.6
Nonresident	191	14	10	58	10	92	48.2	897	9.8
9 Shirley Mountain	318	40	51	83	13	187	58.8	1321	7.1
Resident	261	33	41	59	11	144	55.2	1039	7.2
Nonresident	57	7	10	24	2	43	75.4	282	6.6
10 Muddy Mountain	139	22	14	23	2	61	43.9	672	11.0
Resident	114	20	13	19	2	54	47.4	512	9.5
Nonresident	25	2	1	4	0	7	28.0	160	22.9
11 Ferris	141	17	14	47	9	87	61.7	543	6.2
Resident	108	8	14	33	7	62	57.4	412	6.6
Nonresident	33	9	0	14	2	25	75.8	131	5.2
12 Rattlesnake	48	10	6	14	3	33	68.7	120	3.6
Resident	38	7	4	11	3	25	65.8	96	3.8
Nonresident	10	3	2	3	0	8	80.0	24	3.0
14 Lander	1790	84	106	142	27	359	20.1	10941	30.5
Resident	1697	67	95	136	25	323	19.0	10304	31.9
Nonresident	93	17	11	6	2	36	38.7	637	17.7

Table 8 - Elk Harvest by Herd Unit for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
15 Prospect	671	35	22	51	12	120	17.9	3749	31.2
Resident	636	30	19	48	10	107	16.8	3589	33.5
Nonresident	35	5	3	3	2	13	37.1	160	12.3
16 Little Mountain-Pine Mountain	187	22	8	39	3	72	38.5	1050	14.6
Resident	170	18	5	36	3	62	36.5	937	15.1
Nonresident	17	4	3	3	0	10	58.8	113	11.3
17 Southeast Bighorn	2633	124	116	221	41	502	19.1	14630	29.1
Resident	2496	115	95	202	39	451	18.1	13756	30.5
Nonresident	137	9	21	19	2	51	37.2	874	17.1
18 Northeast Bighorn	3854	204	222	287	51	764	19.8	22734	29.8
Resident	3645	171	208	263	49	691	19.0	21326	30.9
Nonresident	2-0	33	14	24	2	73	349	1408	19.3
19 Deer Creek	587	25	22	58	9	114	19.4	2565	22.5
Resident	567	19	22	58	9	108	19.0	2443	22.6
Nonresident	20	6	0	0	0	6	30.0	122	20.3
20 Horse Creek	480	39	61	103	18	221	46.0	2332	10.6
Resident	442	37	68	95	18	208	47.1	2125	10.2
Nonresident	38	2	3	8	0	13	34.2	207	15.9
21 Trapper-Medicine Lodge	918	73	140	176	45	434	47.3	5071	11.7
Resident	831	66	123	151	43	383	46.1	4593	12.0
Nonresident	87	7	17	25	2	51	58.6	478	9.4
22 Paintrock	1655	32	118	148	12	310	18.7	8178	26.4
Resident	1555	31	117	123	11	282	18.1	7509	26.6
Nonresident	100	1	1	25	1	28	28.0	669	23.9
23 Upper Nowood-Copper Mountain	442	31	35	203	33	302	68.3	1427	4.7
Resident	387	25	23	189	31	268	69.3	1182	4.4
Nonresident	55	6	12	14	2	34	61.8	245	7.2
24 Clarks Fork	2143	218	92	188	34	532	24.8	10459	19.7
Resident	1922	172	79	164	28	443	23.0	8910	20.1
Nonresident	221	46	13	24	6	89	40.3	1549	17.4
25 Northfork Shoshone	1189	121	36	76	23	256	21.5	6220	24.3
Resident	989	62	29	68	23	182	18.4	4973	27.3
Nonresident	200	59	7	8	0	74	37.0	1247	16.9
26 Southfork Shoshone	1214	109	103	86	21	319	26.3	6629	20.8
Resident	953	36	83	78	21	218	22.9	4896	22.5
Nonresident	261	73	20	8	0	0101	38.7	1733	17.2
27 Upper Greybull River	1842	131	161	190	48	530	28.8	8996	17.0
Resident	1691	114	151	153	45	473	28.0	8996	17.3
Nonresident	151	17	10	27	3	57	37.7	800	14.0

Table 8 - Elk Harvest by Herd Unit for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
28 Owl Creek	154	21	18	20	0	59	38.3	573	9.7
Resident	146	21	18	20	0	59	40.4	532	9.0
Nonresident	8	0	0	0	0	0	0.0	41	0.0
29 Basin	0	0	0	0	0	0	0.0	0	0.0
Resident	0	0	0	0	0	0	0.0	0	0.0
Nonresident	0	0	0	0	0	0	0.0	0	0.0
30 Wiggins Fork	3023	137	243	442	103	925	30.6	13164	14.2
Resident	2723	90	190	424	99	803	29.5	11531	14.4
Nonresident	300	47	53	18	4	122	40.7	1633	13.4
31 Warm Springs	1699	67	78	98	25	268	15.8	6573	24.5
Resident	1577	39	71	85	25	220	14.0	5886	26.8
Nonresident	122	28	7	13	0	48	39.3	687	14.3
32 Jackson	11212	1256	591	1481	412	3740	33.4	67993	18.2
Resident	9661	854	436	1324	390	3004	31.1	57758	19.2
Nonresident	1551	402	155	157	22	736	47.5	10235	13.9
33 Targhee	352	24	29	17	0	70	19.9	1784	25.5
Resident	265	6	22	13	0	41	15.5	1209	29.5
Nonresident	87	18	7	4	0	29	33.3	575	19.8
34 Fall Creek	3324	287	326	370	37	1020	30.7	18354	18.0
Resident	2772	171	252	295	33	751	27.1	14835	19.8
Nonresident	552	116	74	75	4	269	48.6	3519	13.1
35 Hoback	1930	108	34	216	36	394	20.4	10891	27.6
Resident	1696	80	12	197	31	320	18.9	9714	30.4
Nonresident	234	28	22	19	5	74	31.6	1177	15.9
36 Afton	2225	232	167	135	48	582	26.2	10613	18.2
Resident	1938	188	142	121	42	493	25.4	9136	18.5
Nonresident	287	44	25	14	6	89	31.0	1477	16.6
37 Piney	2509	186	124	225	48	583	23.2	13467	23.1
Resident	2305	170	99	208	41	518	22.5	11944	23.1
Nonresident	204	16	25	17	7	65	31.9	1523	23.4
38 Upper Green River	1765	185	69	265	68	587	33.3	8849	15.1
Resident	1564	116	48	218	65	447	28.6	7651	17.1
Nonresident	201	69	21	47	3	140	69.7	1198	8.6
39 Pinedale	1499	142	49	104	26	321	21.4	7637	23.8
Resident	1281	59	32	85	26	202	15.8	6389	31.6
Nonresident	218	83	17	19	0	119	54.6	1248	10.5
40 Steamboat	223	16	23	94	7	140	62.8	871	6.2
Resident	206	14	22	90	7	133	64.6	802	6.0
Nonresident	17	2	1	4	0	7	41.2	69	9.9

Table 8 - Elk Harvest by Herd Unit for 1980.

AREA	HUNTERS	HARVEST					HUNTER SUCCESS	HUNTER DAYS	DAYS/ HARVEST
		BULL	SPIKE	COW	CALF	TOTAL			
41 West Green River	2625	159	165	174	22	520	19.8	14430	27.8
Resident	2447	150	137	137	18	442	18.1	13331	30.2
Nonresident	178	9	28	37	4	78	43.8	1099	14.1
42 Carter Lease	337	0	0	0	0	0	0.0	920	0.0
Resident	333	0	0	0	0	0	0.0	912	0.0
Nonresident	4	0	0	0	0	0	0.0	8	0.0
43 Uinta-Cedar Mountain	1228	49	11	36	44	140	11.4	5505	39.3
Resident	1224	49	11	36	44	140	11.4	5485	39.2
Nonresident	4	0	0	0	0	0	0.0	20	0.0
State Total	65750	4863	3917	7074	1574	17428	26.5	342824	19.7
Resident	59431	3631	3271	6257	1470	14629	24.6	304637	20.8
Nonresident	6319	1232	646	817	104	2799	44.3	38187	13.6

Table 9 - Moose Harvest Survey Statistics - 1980.

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Harvest				Percent Success	Days/ Animal Taken
					Adult Males	Female	Young	Total[1]		
		Resident	4	4	4	0	0	4	100.0	1.5
Goose Creek	1	Nonresident	1	0	0	0	0	0	0.0	0.0
		Total	5	4	4	0	0	4	100.0	1.5
		Resident	16	16	12	0	0	12	75.0	15.1
	2	Nonresident	4	4	2	0	0	2	50.0	13.5
		Total	20	20	14	0	0	14	70.0	14.8
		Resident	8	7	6	0	0	6	85.7	8.2
	30	Nonresident	2	2	2	0	0	2	100.0	4.5
		Total	10	9	8	0	0	8	88.9	7.3
		Resident	24	27	22	0	0	22	81.5	10.4
Lander	Total	Nonresident	6	6	4	0	0	4	66.7	9.0
		Total	30	33	26	0	0	26	78.8	10.2
		Resident	24	24	9	13	0	22	91.7	6.0
	3	Nonresident	6	5	5	0	0	5	100.0	3.0
		Total	30	29	14	13	0	27	93.1	5.5
		Resident	32	32	13	15	0	29	90.6	3.3
	4	Nonresident	8	8	8	0	0	8	100.0	3.0
	Type 1	Total	40	40	21	15	0	37	92.5	3.2
		Resident	15	15	4	4	1	10	66.7	3.7
	4	Nonresident	0	0	0	0	0	0	0.0	0.0
	Type 2	Total	15	15	4	4	1	10	66.7	3.7
		Resident	72	72	30	26	7	64	88.9	5.1
	5	Nonresident	18	18	11	0	0	11	61.1	7.2
		Total	90	90	41	26	7	75	83.3	5.4
		Resident	28	28	16	10	1	27	96.4	3.7
	22	Nonresident	7	7	6	0	0	6	85.7	3.3
		Total	35	35	22	10	1	33	94.3	3.6
		Resident	64	64	27	27	5	59	92.2	4.3
	24	Nonresident	16	15	10	0	0	10	66.7	11.6
		Total	80	79	37	27	5	69	87.3	5.3
		Resident	104	103	38	44	10	93	90.3	4.5
	25	Nonresident	26	26	21	0	0	21	80.8	5.5
		Total	130	129	59	44	10	114	88.4	4.7

[1]Total includes animals harvested of unknown sex and age class.

Table 9 - Moose Harvest Survey Statistics 1980.

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Harvest				Percent Success	Days/ Animal Taken
					Adult Males	Female	Young	Total[1]		
Sublette	Total	Resident	339	338	139	139	24	304	89.9	4.5
		Nonresident	81	79	61	0	0	61	77.2	6.1
		Total	420	417	200	139	24	365	87.5	4.8
Dubois	6	Resident	36	36	14	20	1	35	97.2	5.5
		Nonresident	9	9	9	0	0	9	100.0	9.1
		Total	45	45	23	20	1	44	97.8	6.2
	7	Resident	28	28	9	9	4	24	85.7	7.2
		Nonresident	7	7	2	0	0	2	28.6	27.0
		Total	35	35	11	9	4	26	74.3	8.7
	14	Resident	28	27	18	0	0	18	66.7	16.3
		Nonresident	7	6	6	0	0	6	100.0	6.7
		Total	35	33	24	0	0	24	72.7	13.9
	15	Resident	60	60	34	21	0	55	91.7	4.7
		Nonresident	15	15	15	0	0	15	100.0	7.2
		Total	75	75	49	21	0	70	93.3	5.2
	17	Resident	152	151	54	64	10	128	84.8	5.8
		Nonresident	38	38	31	0	0	31	81.6	7.9
		Total	190	189	85	64	10	159	84.1	6.2
	18	Resident	80	80	29	32	8	69	86.3	5.9
		Nonresident	20	18	14	0	0	14	77.8	6.6
		Total	100	98	43	32	8	83	84.7	6.1
	19	Resident	44	41	8	17	5	30	73.2	4.7
		Nonresident	6	6	6	0	0	6	100.0	7.0
		Total	50	47	14	17	5	36	76.6	5.1
	20	Resident	24	24	11	10	1	23	95.8	5.8
		Nonresident	6	6	6	0	0	6	100.0	4.5
		Total	30	30	17	10	1	29	96.7	5.6
	28	Resident	48	48	16	21	1	40	83.3	7.1
		Nonresident	12	12	6	0	0	6	50.0	19.8
		Total	60	60	22	21	1	46	76.7	8.7
	32	Resident	36	36	9	9	3	21	58.3	10.7
		Nonresident	9	8	5	0	0	5	62.5	9.2
		Total	45	44	14	9	3	26	59.1	10.4
Jackson	Total	Resident	500	495	188	183	32	408	82.4	6.5
		Nonresident	120	116	91	0	0	91	78.4	8.5
		Total	620	611	279	183	32	499	81.7	6.9

[1]Total includes animals harvested of unknown sex and age class.

Table 9 - Moose Harvest Survey Statistics 1980.

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Harvest				Percent Success	Days/ Animal Taken
					Adult Males	Female	Young	Total[1]		
Thorofare	8	Resident	28	26	19	0	1	20	76.9	9.7
		Nonresident	7	7	6	0	0	6	85.7	6.7
		Total	35	33	25	0	1	26	78.8	8.9
Greybull River	9	Resident Nonresident Total	CLOSED							
	10	Resident	44	44	23	13	4	42	95.5	5.4
		Nonresident	11	11	11	0	0	11	100.0	2.7
		Total	55	55	34	13	4	53	96.4	4.9
	21	Resident	40	39	22	14	1	38	97.4	5.9
		Nonresident	10	9	9	0	0	9	100.0	4.3
		Total	50	48	31	14	1	47	97.9	5.6
Hoback	Total	Resident	84	83	46	27	5	80	96.4	5.7
		Nonresident	21	20	20	0	0	20	100.0	3.5
		Total	105	103	66	27	5	100	97.1	5.2
Northfork Shoshone	11	Resident	4	4	4	0	0	4	100.0	1.3
		Nonresident	1	1	1	0	0	1	100.0	6.0
		Total	5	5	5	0	0	5	100.0	2.2
Sunlight	12	Resident	4	4	4	0	0	4	100.0	3.8
		Nonresident	1	1	1	0	0	1	100.0	4.0
		Total	5	5	5	0	0	5	100.0	3.8
Crandall	13	Resident	4	4	4	0	0	4	100.0	2.5
		Nonresident	1	0	0	0	0	0	0.0	0.0
		Total	5	4	4	0	0	4	100.0	2.5
	16	Resident	16	16	9	2	0	11	68.8	10.7
		Nonresident	4	4	4	0	0	4	100.0	4.0
		Total	20	20	13	2	0	15	75.0	12.2
	37	Resident	12	12	11	0	0	11	91.7	6.7
		Nonresident	3	3	3	0	0	3	100.0	4.3
		Total	15	15	14	0	0	14	93.3	6.2
Targhee	Total	Resident	28	28	20	2	0	22	78.6	8.7
		Nonresident	7	7	7	0	0	7	100.0	4.1
		Total	35	35	27	2	0	29	82.9	7.6

[1]Total includes animals harvested of unknown sex and age class.

Table 9 - Moose Harvest Survey Statistics 1980.

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Adult Males	Female	Young	Total[1]	Percent Success	Days/ Animal Taken
		Resident	80	80	50	21	7	78	97.5	5.4
Greys River	23	Nonresident	20	20	18	0	0	18	90.0	7.1
		Total	100	100	68	21	7	96	96.0	5.7
		Resident	120	117	61	48	4	114	97.4	3.8
Lincoln	26	Nonresident	30	29	24	0	0	24	82.8	7.7
		Total	150	146	85	48	4	138	94.5	4.5
		Resident	27	27	16	0	0	16	59.3	14.9
	27	Nonresident	13	12	7	0	0	7	58.3	10.0
	Type 1	Total	40	39	23	0	0	23	58.9	13.3
		Resident	40	37	1	20	7	28	75.7	7.6
	27	Nonresident	0	0	0	0	0	0	0.0	0.0
	Type 2	Total	40	37	1	20	7	28	75.7	7.6
		Resident	67	64	17	20	7	44	68.8	10.2
Uinta-Cedar	Total	Nonresident	13	12	7	0	0	7	58.3	10.0
Mountain		Total	80	76	24	20	7	51	67.1	10.2
		Resident	8	8	3	5	0	8	100.0	3.4
Prospect	Total	Nonresident	2	2	1	0	0	1	50.0	24.0
Mountain		Total	10	10	4	5	0	9	90.0	5.7
		Resident	4	3	3	0	0	3	100.0	1.0
Southfork	Total	Nonresident	1	1	0	0	0	0	0.0	7 days
Shoshone		Total	5	4	3	0	0	3	75.0	3.3
		Resident								
West Green	33	Nonresident	CLOSED							
River		Total								
		Resident								
Hunter Mesa	34	Nonresident	CLOSED							
		Total								
		Resident	8	8	5	3	0	8	100.0	2.1
Carter Lease	36	Nonresident	2	2	1	0	0	1	50.0	9.0
		Total	10	10	6	3	0	9	90.0	2.9
		Resident	1,342	1,329	600	468	81	1,162	87.4	5.7
STATE TOTAL		Nonresident	323	312	251	0	0	251	80.4	7.3
		Total	1,665	1,641	851	468	81	1,413	86.1	6.0

[1]Total includes animals harvested of unknown sex and age class.

Table 1C -Bighorn Sheep Harvest Survey Statistics for 1980.

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Harvest Adult Males	Harvest Total	Hunter Success	Days/ Animal Taken
Clark's Fork	1	Resident	18	18	9	9	50.0	26.1
		Nonresident	6	6	3	3	50.0	16.7
		Total	24	24	12	12	50.0	23.8
Trout Peak	2	Resident	24	24	14	14	58.3	20.6
		Nonresident	8	8	6	6	75.0	13.3
		Total	32	32	20	20	62.5	18.4
Wapiti Ridge	3	Resident	24	23	13	13	56.5	11.7
		Nonresident	8	8	5	5	62.5	13.6
		Total	32	31	18	18	58.1	12.2
Yount's Peak	4	Resident	45	45	19	19	42.2	30.1
		Nonresident	15	15	9	9	60.0	17.1
		Total	60	60	28	28	46.7	25.9
Franc's Peak	5	Resident	45	44	26	26	59.1	16.2
		Nonresident	15	13	10	10	76.9	8.1
		Total	60	57	36	36	63.2	13.9
Targhee	6	Resident	6	2	1	1	50.0	10.5
		Nonresident	2	2	1	1	50.0	8.0
		Total	8	4	2	2	50.0	7.3
Jackson	7	Resident	18	17	4	4	23.5	63.5
		Nonresident	6	6	3	3	50.0	21.0
		Total	24	23	7	7	30.4	45.3
Sheep Mountain	8	Resident	6	6	5	5	83.3	15.6
		Nonresident	2	1	0	0	0.0	4 days
		Total	8	7	5	5	71.4	16.4
Dinwoody-Gannett Peak	9	Resident	30	26	9	9	34.6	41.7
		Nonresident	10	10	4	4	40.0	26.0
		Total	40	36	13	13	36.1	36.8
Jakey's Fork-Green River	10	Resident	39	38	25	25	65.8	13.2
		Nonresident	13	13	9	9	69.2	14.0
		Total	52	51	34	34	66.7	13.4
Whiskey Mountain	Total	Resident	69	64	34	34	53.1	20.8
		Nonresident	23	23	13	13	56.5	17.7
		Total	92	87	47	47	54.0	19.9

Table 10- Bighorn Sheep Harvest Survey (1980).

Herd Unit	Hunt Area	License Type	No. Permits	No. Hunters	Harvest: Adult Males	Harvest: Total	Hunter Success	Days/ Animal Taken
		Resident	6	6	2	2	33.3	27.0
Temple Peak	11	Nonresident	2	2	1	1	50.0	22.0
		Total	8	8	3	3	37.5	25.3
		Resident						
North Bighorn	12	Nonresident	CLOSED					
		Total						
		Resident						
Paintrock Creek	13	Nonresident	CLOSED					
		Total						
		Resident						
Barnum	15	Nonresident	CLOSED					
		Total						
		Resident						
Sweetwater Rocks	16	Nonresident	CLOSED					
		Total						
		Resident						
Ferris-Seminoe	17	Nonresident	CLOSED					
		Total						
		Resident	6	6	1	1	16.7	79.0
Douglas Creek	18	Nonresident	2	2	1	1	50.0	24.0
		Total	8	8	2	2	25.0	51.5
		Resident	6	6	2	2	33.3	32.0
Laramie Peak	19	Nonresident	2	2	0	0	0.0	17 days
		Total	8	8	2	2	25.0	40.5
		Resident						
Black Hills	20	Nonresident	CLOSED					
		Total						
		Resident	273	259	130	130	50.2	22.5
STATE TOTAL		Nonresident	91	88	52	52	59.1	15.4
		Total	364	347	182	182	52.4	20.5

Table 11. Estimated Number of Upland Game Hunters, Hunter Days and Harvest by Species for 1980

Species	Number Hunters	Number Hunter Days	Harvest
*Ducks	12,024	63,594	74,988
*Geese	7,106	36,561	6,997
Pheasants	12,584	42,882	46.449
*Chukar Partridge	1,813	5,893	4,118
*Hungarian Partridge	766	2,597	747
Blue Grouse	7,478	23,010	19,944
Ruffed Grouse	2,270	7,754	5,215
Sage Grouse	20,203	48,806	85,254
Sharptail Grouse	982	3,872	4,056
Mourning Dove	5,975	19,436	68,636
*Cottontail Rabbit	10,166	45,831	56,667
*Snowshoe Hare	951	3,379	2,580
*Squirrel	638	2,026	3,301
Little Brown Crane	66	161	0
*Turkey	2,484	6,825	1,490
Spring			
Resident	727	2,139	365
Nonresident	132	419	75
Fall			
Resident	1,418	3,657	897
Nonresident	207	610	153

*Harvest based on calendar year

Table 12. Five-year Comparison of Wildlife Harvest by Species

Species	1976	1977	1978	1979	1980
BIG GAME					
Antelope	58,480	58,858	58,132	44,616	47,994
Deer	75,942	79,687	67,403	61,243	61,100
Mule Deer	64,644	68,638	59,605	53,791	54,086
Whitetail Deer	11,298	11,049	7,798	7,452	7,014
Elk	14,705	21,784	13,507	18,580	17,428
Moose	1,643	1,697	1,503	1,448	1,413
Bighorn Sheep	125	147	161	167	182
Rocky Mtn. Goat	4	4	3	4	7
*Black Bear	293	268	342	311	408
Spring	117	117	159	125	201
Fall	176	151	183	186	207
Grizzly Bear	---	---	---	---	---
Mountain Lion	11	8	10	13	18
UPLAND GAME					
*Ducks	80,891	80,296	81,180	82,240	74,988
*Geese	3,366	5,926	8,732	7,036	6,997
Pheasants	31,454	41,338	37,042	38,017	46,669
*Chukar Partridge	17,255	20,665	9,300	2,271	4,118
*Hungarian Partridge	5,486	7,570	4,272	1,210	747
Blue Grouse	12,904	15,243	19,135	23,960	19,944
Ruffed Grouse	6,747	7,099	7,031	9,333	5,215
Sage Grouse	86,696	70,783	85,065	93,208	85,254
Sharptail Grouse	2,283	3,792	4,846	3,285	4,056
*Cottontail Rabbit	173,750	246,714	317,205	151,926	56,667
*Turkey	1,259	1,368	1,314	1,318	1,490
Spring	390	360	342	378	440
Fall	869	1,008	972	940	1,050
Mourning Dove	54,725	57,207	42,231	59,310	68,636
*Snowshoe Hare	2,878	3,164	7,332	4,458	2,580
*Squirrel	3,669	4,092	7,659	7,041	3,301
Little Brown Crane	32	19	19	0	0
*FISH	6,430,742	6,433,893	7,397,279	7,544,602	7,390,217
*RAPTORS	36	28	26	42	76
Prairie Falcon	27	20	16	20	31
Sparrow Hawk (Kestral)	3	1	0	2	3
Red-tailed Hawk	2	1	3	3	6
Goshawk	3	3	3	10	29
Sharp-skinned Hawk	1	0	0	0	0
Rough-legged Hawk	0	0	2	1	0
Cooper's Hawk	0	1	1	0	0
Gyrfalcon	0	1	0	2	1
Pigeon Hawk (Merlin)	0	1	1	4	6

*Harvest based on calendar year

STATEWIDE FIVE-YEAR COMPARISON OF LICENSE SALES

TYPE OF LICENSE	1976	1977	1978	1979	1980
Resident Deer ($10)	57,414	63,507	75,321	78,406	
Resident Deer ($15)					76,203
Second Resident Deer ($5)	546				
Add'l Resident Deer ($10)		219	263	88	
Add'l Resident Deer ($15)					437
Add'l Res. Deer/Half Price ($5)		1,098	112		
Add'l Res. Deer/Half Price ($7.50)					381
Depredation Resident Deer ($10)					
Depredation Resident Deer ($15)					
Military Resident Deer ($10)	447	492	485	480	
Military Resident Deer ($15)					394
Pioneer Deer ($1)	3,155	2,683	2,567	2,316	
Pioneer Deer ($2)					1,767
Pioneer Second Deer ($.50)	5				
Add'l Pioneer Deer ($1)		11	3	1	
Add'l Pioneer Deer ($2)					18
TOTALS	61,567	68,010	78,751	81,291	79,200
Nonresident Deer ($50)	50,554	40,509	35,895	34,374	
Nonresident Deer ($100)					30,493
Second Nonres. Deer ($25)	1,289				
Add'l Nonres. Deer ($50)		1,269	1,235	547	
Add'l Nonres. Deer ($100)					108
Add'l Nonres. Deer/Half Price ($25)		600	24		
Add'l Nonres. Deer/Half Price ($50)					257
Depredation Nonres. Deer ($50)					
Depredation Nonres. Deer ($100)					
TOTALS	51,843	42,378	37,154	34,291	30,858
TOTAL DEER LICENSES	113,410	110,388	115,905	116,212	110,058
Res. Elk & Black Bear ($15)	51,329	53,284	59,999	62,311	
Res. Elk & Black Bear ($25)					55,177
Depredation Resident Elk ($15)		5	4		
Depredation Resident Elk ($25)					
Pioneer Elk ($5)	2,103	1,738	1,671	1,507	1,117
Military Res. Elk & Black Bear ($15)	189	219	250	228	
Military Res. ELk & Black Bear ($25)					153
TOTALS	53,621	55,246	61,924	64,046	56,447
Nonresident Elk & Fishing ($125)	6,092	6,083	6,080	6,056	
Nonresident Elk & Fishing ($250)					6,086
TOTALS	6,092	6,083	6,080	6,056	6,086
TOTAL ELK LICENSES	59,713	61,329	68,004	70,102	62,533

STATEWIDE FIVE-YEAR COMPARISION OF LICENSES SALES

TYPE OF LICENSE	1976	1977	1978	1979	1980
Resident Antelope ($10)	19,646	19,820	20.967	19,949	
Resident Antelope ($15)					24,627
Second Resident Antelope ($5)	2,330				
Add'l Res. Antelope ($10)		3,215	3,752	3,892	
Add'l Res. Antelope ($15)					4,448
Add'l Res. Antelope/Half Price ($5)		2,063	4,134	2,333	
Add'l Res. Antelope/Half Price ($7.50)					8,083
Pioneer Antelope ($1)	1,849	1,556	1,428	1,284	
Pioneer Antelope ($2)					1,082
Pioneer Second Antelope ($.50)	42				
Add'l Pioneer Antelope ($1)		112	148	122	
Add'l Pioneer Antelope ($2)					148
Depredation Res. Antelope ($10)		415	6	37	
Depredation Res. Antelope ($15)					
TOTALS	23,867	27,181	30,435	27,617	38,388
Nonresident Antelope ($50)	34,896	32,777	28,074	19,208	
Nonresident Antelope ($100)					16,059
Second Nonres. Antelope ($25)	8,425				
Add'l Nonres. Antelope ($50)		4,370	4,463	4,176	
Add'l Nonres. Antelope ($100)					747
Add'l Nonres. Antelope/Half Price ($25)		1,845	3,489	2,207	
Add'l Nonres. Antelope/Half Price ($50)					1,715
Depredation Nonres. Antelope ($50)		10			
Depredation Nonres. Antelope ($100)					
TOTALS	43,321	39,002	26,026	25,591	18,521
TOTAL ANTELOPE LICENSES	67,188	66,183	66,461	53,208	56,909
Resident Moose ($25)	1,675	1,516	1,432	1,391	
Resident Moose ($50)					1,342
Depredation Resident Moose ($25)				3	24
TOTALS	1,675	1,516	1,432	1,394	1,366
Nonresident Moose ($125)	419	378	357	345	
Nonresident Moose ($300)					323
Depredation Nonres. Moose ($125)				1	
Depredation Nonres. Moose ($300)					
TOTALS	419	378	357	346	323
TOTAL MOOSE LICENSES	2,094	1,894	1,789	1,740	1,689
Resident Sheep ($30)	286	290	285	289	
Resident Sheep ($50)					273
Nonresident Sheep ($150)	95	99	98	98	
Nonresident Sheep ($400)					91
TOTAL SHEEP LICENSES	381	389	383	387	364
Resident Mountain Goat ($30)	3	3	3	3	
Resident Mountain Goat ($50)					6
Nonresident Mountain Goat ($150)	1	1	1	1	
Nonresident Mountain Goat ($500)					2
TOTAL MOUNTAIN GOAT LICENSES	4	4	4	4	8

APPENDIX II - LICENSE SALES
FIVE-YEAR COMPARISON

STATEWIDE FIVE-YEAR COMPARISON OF LICENSE SALES

TYPE OF LICENSE	1976	1977	1978	1979	1980
Resident Black Bear ($5)	42	45	33	44	
Resident Black Bear ($10)					715
Mil. Resident Black Bear ($5)	2		3		
Mil. Resident Black Bear ($10)					7
TOTALS	44	45	36	44	722
Nonresident Black Bear ($30)	737	1,010	1,210	1,287	
Nonresident Black Bear ($50)					866
TOTALS	737	1,010	1,210	1,287	866
TOTAL BLACK BEAR LICENSES	781	1,055	1,245	1,331	1,588
Resident Mountain Lion ($20)	32	43	62	89	85
Nonresident Mountain Lion ($100)	4	1	2	1	5
TOTAL MOUNTAIN LION LICENSES	36	44	64	90	90
Resident Grizzly Bear ($30)					
Resident Grizzly Bear ($50)					
Nonresident Grizzly Bear ($150)					
Nonresident Grizzly Bear ($400)					
TOTAL GRIZZLY BEAR LICENSES					
Resident Spring Male Turkey ($5)	744	812	807	887	
Resident Spring Male Turkey ($6)					871
Resident Fall Turkey ($5)	2,989	2,126	1,754	1,939	
Resident Fall Turkey ($6)					1,970
TOTALS	3,733	2,938	2,561	2,826	2,841
Nonresident Spring Male Turkey ($20)	112	145	154	167	
Nonresident Spring Male Turkey ($30)					140
Nonresident Fall Turkey ($20)	669	465	365	461	
Nonresident Fall Turkey ($30)					355
TOTALS	781	610	510	628	495
TOTAL TURKEY LICENSES	4,514	3,548	3,080	3,454	3,336
Resident Game Bird ($5)	26,770	29,291	30,367	33,218	
Resident Game Bird ($6)					33,916
Military Resident Game Bird ($5)	109	128	140	170	
Military Resident Game Bird ($6)					172
TOTALS	26,879	29,419	30,507	33,388	34,088
Nonresident Game Bird ($25)	2,936	3,456	2,475	3,977	
Nonresident Game Bird ($30)					3,417
3-Day Special Bird ($5)	73	81	104	101	
3-Day Special Bird ($6)					109
TOTALS	3,009	3,537	3,579	3,078	3,526
TOTAL GAME BIRD LICENSES	29,888	32,956	34,086	37,466	37,614

STATEWIDE FIVE-YEAR COMPARISON OF LICENSE SALES

TYPE OF LICENSE		1976	1977	1978	1979	1980
Resident Small Game ($3)		13,584	18,003	22,234	16,617	
Resident Small Game ($5)						13,203
Military Resident Small Game ($3)		169	266	306	310	
Military Resident Small Game ($5)						194
	TOTALS	13,573	18,269	22,540	16,927	13,397
Nonresident Small Game ($10)		2,403	2,957	3,705	2,854	
Nonresident Small Game ($25)						744
	TOTALS	2,403	2,957	3,705	2,854	744
TOTAL SMALL GAME LICENSES		16,156	21,226	26,245	19,781	14,141
Resident Fishing ($5)		92,546	96,126	103,398	110,729	
Resident Fishing ($7.50)						113,718
Military Resident Fishing ($5)		886	872	894	910	
Military Resident Fishing ($10)						807
Resident 5-Day Fishing ($3)		244	194	314	303	
Resident Youth Fishing ($2)		13,103	12,987	13,270	13,525	
Resident Youth Fishing ($3)						13,854
Underwater Fishing ($3)		26	21	59	72	
Underwater Fishing ($5)						59
	TOTALS	106,805	110,200	117,935	125,539	128,438
Nonresident Fishing ($25)		11,643	12,236	13,568	13,911	
Nonresident Fishing ($30)						15,323
Tourist 5-Day Fishing ($5)		164,730	161,442	169,867	147,892	
Tourist 5-Day Fishing ($10)						104,768
Tourist Youth 5-Day Fishing ($2)		5,554	5,108	6,388	5,512	
Tourist Youth 5-Day Fishing ($3)						14,665
30-Day Group Fishing($12.50)		842	740	748	667	
Girl Scout West Fishing ($2)		68	89	46	117	
	TOTALS	182,837	179,615	190,617	168,099	134,756
TOTAL FISHING LICENSES		289,642	289,815	308,522	293,638	263,194
Reciprocity Stamps ($3)		8,171	6,260	5,290	4,367	3,686
TOTAL RECIPROCITY STAMPS		8,171	6,260	5,290	4,367	3,686
Resident Archery ($3)		2,730	3,568	4,578	5,784	
Resident Archery ($5)						5,867
Nonresident Archery ($5)		702	824	930	777	
Nonresident Archery ($10)						693
TOTAL ARCHERY LICENSES		3,432	4,392	5,508	6,561	6,560
Wyoming Game Tags ($1)		547	545	453	297	
Wyoming Game Tags ($2)						330
Interstate Game Tags ($1)		8.021	8,781	8,137	7,195	
Interstate Game Tags ($2)						7,618
Beaver Tags ($.75)		4,657	6,352	4,443	7,118	
Beaver Tags ($.50)						11,377
TOTAL TAGS		13,225	15,678	13,033	14,610	19,325

STATEWIDE FIVE-YEAR COMPARISON OF LICENSE SALES

TYPE OF LICENSE	1976	1977	1978	1979	1980
Resident Guide ($20)	1,085	1,101	1,045	1,020	
Resident Guide ($25)					1,092
Big Game Animal Outfitter ($50)	279	287	294	282	
Big Game Animal Outfitter ($75)					278
Deer-Antelope Outfitter ($25)	62	68	59	48	
Deer-Antelope Outfitter ($35)					48
Fishing Outfitter ($25)	107	150	150	144	
Fishing Outfitter ($35)					145
TOTAL OUTFITTER LICENSES	1,533	1,606	1,548	1,494	1,563
Resident Fur Bearing Trapping ($5)	1,024	1,365	1,231	2,051	
Resident Fur Bearing Trapping ($20)					1,609
Resident Youth Fur Bearing Trapping ($5)					227
Nonres. Fur Bearing Trapping ($25)			40	123	
Nonres. Fur Bearing Trapping ($100)					66
TOTAL FUR BEARING TRAPPING LICENSES	1,024	1,365	1,271	2,174	1,902
Res. License to Capture Falcon ($20)	19	14	13	12	20
Nonres. License to Capture Falcon ($100)	36	16	18	18	29
License to Hunt With Falcon ($5)	6	9	14	17	18
License to Capture Fur Bearing Animals ($5)			1	1	4
Resident Fur Dealer ($20)	43	44	45	54	
Resident Fur Dealer ($25)					44
Nonres. Fur Dealer ($100)	16	14	15	14	10
Taxidermist ($25)	42	52	52	52	
Taxidermist ($30)					53
Game Bird Farm ($20)	20	20	25	25	
Game Bird Farm ($50)					29
Fishing Preserve ($50)	25	30	34	32	29
Commercial Fish Hatchery ($75)	9	7	5	4	3
Lic. To Sein or Trap Fish ($10)	155	159	166	191	
Lic. To Sein or Trap Fish ($15)					183
Lic. To Deal In Live Bait ($25)	32	29	29	33	34
GRAND TOTAL LICENSES	611,595	618,526	652,885	627,072	663,763

APPENDIX III - ECONOMICS

Table 1 - Summary of 1980 Hunter and Fisherman, Recreation Days, Harvest and Expenditures in Wyoming

	No. of Sports-men	Expend. per Sports-man	Total Rec. Days	Expend. per Rec. Day	Total Harvest	Expend. per Animal	Total Expend. in Wyoming
Antelope	54,124	234.31	95,144	133.29	47,994	264.23	12,681,619
Resident	36,373	123.31	55,391	80.98	31,713	141.43	4,485,324
Nonresident	17,751	461.74	39,753	206.18	16,281	503.43	8,196,295
Deer	96,536	272.97	358,595	73.49	61,100	431.29	26,351,707
Resident	68,530	154.12	260,838	40.49	39,499	267.39	10,561,512
Nonresident	28,006	563.81	97,757	159.27	21,601	730.99	15,790,195
Elk	54,272	358.60	342,824	56.77	17,428	1,116.70	19,461,781
Resident	48,547	248.82	304,637	39.65	14,629	825.71	12,079,370
Nonresident	5,725	1,289.50	38,187	193.32	2,799	2,637.52	7,382,411
Moose	1,641	410.83	8,512	79.20	1,413	477.12	674,165
Resident	1,329	258.29	6,681	51.38	1,162	295.41	343,268
Nonresident	312	1,060.57	1,831	180.72	251	1,318.31	330,897
Sheep	347	843.26	3,714	78.79	182	1,607.75	292,611
Resident	259	424.57	2,913	37.75	130	845.88	109,964
Nonresident	88	2,075.53	801	228.02	52	3,512.44	182,647
Black Bear	---	---	---	---	408	---	757,039
Resident	---	---	---	---	323	---	---
Nonresident	633	1,195.95	---	---	85	---	757,039
Mtn. Lion	90	---	---	---	18	---	---
Resident	85	---	---	---	17	---	---
Nonresident	5	---	---	---	1	---	---
Rocky Mtn. Goat	8	---	19	---	7	---	---
Resident	6	---	14	---	5	---	---
Nonresident	2	---	5	---	2	---	---
ALL BIG GAME	207,018	287.37	808,808	73.52	128,550	462.56	59,461,883
Resident	155,129	177.89	630,474	43.74	87,478	315.27	27,579,438
Nonresident	51,889	610.28	178,334	177.55	41,072	776.26	31,882,445
Birds & Waterfowl	32,620	203.87	234,888	28.31	316,404	21.02	6,650,321
Resident	29,316	191.91	197,883	28.43	287,928	19.54	5,625,936
Nonresident	3,304	310.04	37,005	27.68	28,476	35.97	1,024,385
Turkey	2,352	151.40	6,825	52.18	1,490	238.99	356,097
Resident	1,946	126.09	5,796	42.33	1,262	194.43	245,370
Nonresident	406	272.73	1,029	107.61	228	485.64	110,727

Table 1 (Cont.)

	No. of Sports-men	Expend./ Sports-man	Total Rec. Days	Expend. Per Rec. Day	Total Harvest	Expend. per Animal	Total Expend. in Wyoming
Small Game	10,156	227.45	56,982	40.54	62,548	36.93	2,310,013
Resident	9,498	221.82	51,764	40.70	59,421	35.46	2,106,870
Nonresident	658	308.73	5,218	38.93	3,127	64.96	203,143
ALL SMALL GAME	45,128	206.44	298,695	31.19	380,442	24.49	9,316,431
Resident	40,760	195.74	255,443	31.23	348,611	22.89	7,978,176
Nonresident	4,368	306.38	43,252	30.94	31,831	42.04	1,338,255
Fishing	252,944	328.88	2,956,087	28.14	7,390,217	11.26	83,187,084
Resident	120,090	556.50	2,213,259	30.20	5,533,147	12.08	66,829,820
Nonresident	132,854	123.12	742,828	22.02	1,857,070	8.81	16,357,264
ALL WILDLIFE	505,090	300.93	4,063,590	37.40	7,899,209	19.24	151,965,398
Resident	315,979	324.13	3,099,176	33.04	5,969,236	17.15	102,387,434
Nonresident	189,111	261.01	964,414	51.18	1,929,973	25.69	49,577,964

APPENDIX IV - FISHERIES

Table 2. Five-year Summary of Hunter and Fisherman Expenditures in Wyoming

	Total Expenditures in Wyoming				
	1976	1977	1978	1979	1980
Antelope	11,925,216	14,267,727	14,425,807	11,618,233	12,681,619
Resident	1,661,824	2,288,709	2,719,381	2,727,370	4,485,324
Nonresident	10,263,392	11,979,018	11,706,426	8,890,863	8,196,295
Deer	20,118,698	22,422,723	21,603,428	23,459,227	26,351,707
Resident	4,983,277	6,858,037	8,073,722	9,345,327	10,561,512
Nonresident	15,135,421	15,564,686	13,529,706	14,113,900	15,790,195
Elk	11,236,562	13,761,336	14,951,525	16,653,851	19,461,781
Resident	6,935,122	8,547,967	9,680,387	11,120,030	12,079,370
Nonresident	4,301,441	5,213,369	5,271,138	5,533,821	7,382,411
Moose	453,828	520,711	521,709	557,625	674,165
Resident	237,848	267,726	267,903	292,355	343,268
Nonresident	215,980	252,985	253,779	265,270	330,897
Sheep	176,713	218,220	229,809	253,836	292,611
Resident	70,833	87,550	92,231	102,644	109,964
Nonresident	105,881	130,670	137,578	151,192	182,647
Black Bear	---	---	---	---	---
Resident	---	---	---	---	---
Nonresident	432,042	635,831	838,269	996,209	757,039
Rocky Mtn. Goat	---	---	---	---	---
Resident	---	---	---	---	---
Nonresident	---	---	---	---	---
Mountain Lion	---	---	---	---	---
All Big Game	44,343,101	51,826,548	52,569,232	52,542,772	59,461,883
Resident	13,888,944	18,049,989	20,832,336	23,587,726	27,579,438
Nonresident[1]	30,454,157	33,776,559	31,736,896	28,955,046	31,882,445
Birds & Waterfowl	3,533,132	4,364,249	4,868,928	6,020,753	6,650,321
Resident	2,994,538	3,611,295	4,052,449	4,959,307	5,625,936
Nonresident	538,594	752,954	816,479	1,061,446	1,024,385
Turkey	317,652	289,696	269,421	341,668	356,097
Resident	211,286	189,781	178,190	219,133	245,370
Nonresident	106,366	99,915	91,231	122,535	110,737
Small Game (Mammals)	1,887,913	2,686,298	3,602,236	3,044,713	2,310,013
Resident	1,469,878	2,111,921	2,826,100	2,377,055	2,106,870
Nonresident	418,035	574,377	776,136	667,658	203,143
All Small Game	5,738,697	7,340,243	8,740,585	9,407,134	9,316,431
Resident	4,675,702	5,912,997	7,056,739	7,555,495	7,978,176
Nonresident	1,062,995	1,427,246	1,683,846	1,851,639	1,338,255

[1] does not include nonresident bear hunters

Table 2. Five-year Summary of Hunter and Fisherman Expenditures in Wyoming

Total Expenditures in Wyoming

	1976	1977	1978	1979	1980
Fishing	44,848,535	56,217,810	65,104,609	75,069,077	83,187,084
Resident	33,443,370	42,461,880	49,199,802	58,743,645	66,829,820
Nonresident	11,405,165	13,795,930	15,904,807	16,325,432	16,357,264
All Wildlife	94,930,333	115,884,601	126,415,741	137,018,983	151,965,398
Resident	52,008,016	66,424,866	77,088,877	89,886,866	102,387,434
Nonresident	42,922,317	48,959,735	49,325,549	47,132,117	49,577,964

Table 1. Estimated Supply of Fishing Recreation by Drainage and Water Types, 1979 Fishing Pressure and 1983 Objectives for the State of Wyoming.

Drainage - Water Type	Total Estimated Supply (Fisherman Days)	Est. Supply with Guaranteed Access (Fisherman Days)	Est. Pressure (Fisherman Days)	1983 Objectives (Fisherman Days)
Snake River	1,129,077	1,086,858	314,019±12,914	415,045
Streams	315,361	274,068	233,558±11,890	265,629
Standing Waters	813,716	812,790	80,461± 7,641	149,416
Wind-Big Horn River	2,119,424	1,859,792	876,313±19,962	785,996
Streams	681,869	487,801	504,065±16,559	455,878
Standing Waters	1,437,555	1,371,991	372,248±15,018	330,118
Powder-Tongue River	520,944	363,888	378,705±13,321	360,775
Streams	196,552	100,610	235,404±11,889	202,034
Standing Waters	324,392	263,278	143,301± 9,278	158,741
Green River	1,636,850	1,356,530	730,209±19,737	940,228
Streams	451,615	233,713	359,145±15,346	554,735
Standing Waters	1,185,235	1,122,817	371,064±15,668	385,493
Platte River	2,126,564	1,556,512	1,356,796±26,619	1,448,090
Streams	585,552	227,830	559,407±20,867	810,931
Standing Waters	1,541,012	1,328,682	797,389±21,888	637,159
STATE TOTAL	7,532,859	6,223,580	3,665,042±34,841	3,950,134
Streams	2,230,949	1,324,022	1,891,579±28,205	2,289,207
Standing Waters	5,301,910	4,899,558	1,764,463±27,696	1,660,927

Table 2. Fish Egg Record - July 1, 1980 through June 30, 1981

Species	Source	Number Taken	By Species	Eggs Shipped Out
Brown	Soda Lake	3,154,298	3,154,298	101,088 Colorado, Commercial
Brook	Soda Lake	1,059,604		392,780 Nevada, State
	Daniel (Temiscamie)	275,338	1,334,942	100,590 Colorado, Commercial
Cutthroat	Auburn	6,271,962		300,094 New Mexico, State
	Daniel, Utah	92,364		867,834 Idaho, State
	Clark's Fork	296,286		245,280 Colorado, Commercial
	Bar BC Spring	17,958		679,526 Jackson, Federal
	Sheep Mountain Lake	52,538		5,344 Saratoga, Federal
	Lake of the Woods	1,462,457	8,195,65	240,270 Colorado, State
Rainbow	Kemmerer City Res.	126,868		205,394 Missouri, Federal
	Lake DeSmet	3,695,444		81,158 Wisconsin, Federal
	Boulder	4,271,946		148,512 North Dakota, Federal
	Wigwam	572,924	8,667,182	347,480 Colorado, Federal
				121,856 Saratoga, Federal
				516,327 Colorado, Commercial
				881,100 Utah, Federal
				451,754 Nebraska, State
				531,840 Nevada, State
				331,675 South Dakota, Federal
				173,232 Utah, State
Grayling	Meadow Lake	695,223	695,223	
Golden	Surprise Lake	126,009	126,009	
Kokanee	Green River	33,440		
	Sheep Creek	92,928	126,368	
Walleye	Keyhole Res.	2,705,720		
	Glendo Res.	9,867,920	12,573,640	
				241,362 Utah, State
Mackinaw	Story	906,894	906,894	105,248 Montana, State
Splake	Story	271,460	271,460	
TOTALS		36,049,581	36,049,581	7,069,744

Table 3. Fish Hatchery Net Production (Lbs.) - July 1, 1980 through June 30, 1981

Station	On Hand June 30, 1981	Planted	Transferred Out	On Hand July 1, 1980	Transferred In	Net Production
Auburn	19,874	32,276	757	19,282	239	31,872
Boulder	15,668	29,215	-	16,707	1,772	26,404
Clarks Fork	34,551	89,563	6,262	31,316	846	98,214
Como Bluff	1,248	24,641	443	6,535	269	19,528
Daniel	7,543	18,397	823	11,949	466	13,348
Dubois	7,813	20,058	637	8,260	410	19,838
Speas	34,081	97,326	26	24,475	3,932	103,026
Story	15,475	43,876	2,288	15,424	5,983	40,232
Tensleep	3,552	13,255	4,279	3,967	801	16,318
Tillett	13,685	39,205	-	18,555	2,422	31,913
Wigwam	65,297	109,925	1,200	75,711	3,642	97,069
TOTALS	208,727	517,737	16,715	232,181	20,782	498,762

Table 4. Fish Hatchery Production and Cost Report - July 1, 1980 through June 30, 1981

Station	No. Planted & Trans-ferred Out	Lbs. Planted & Trans-ferred Out	Pounds Produced	Operation & Mainten-ance Cost	6-30-81	6-30-80	6-30-79	6-30-78	Food Consumption Cost	Cost Per Lb.
Auburn	973,768	33,033	31,872	$ 104,515.95	3.27	3.14	2.77	2.44	$ 10,756.52	$ .33
Boulder	1,127,138	29,215	26,404	110,264.79	4.17	3.18	3.69	2.46	10.255.88	.38
Clark's Fork	3,171,019	93,075	98,214	192,169.48	1.95	1.36	1.08	1.18	33,022.11	.33
Como Bluff	1,049,491	25,084	19,528	127,099.05	6.50	5.22	2.77	3.19	6,754.20	.34
Daniel	1,185,237	19,220	14,348	105,311.30	7.33	5.77	3.93	4.29	6,571.19	.45
Dubois	1,223,107	20,695	19,838	97,853.03	4.93	4.49	3.83	3.14	6,136.13	.30
Speas	10,137,722	97,352	103,026	170,193.10	1.65	1.41	1.18	1.14	35,117.94	.34
Story	1,795,103	46,164	40,232	93,903.11	2.33	2.43	2.65	1.89	13,662.33	.33
Tensleep	2,775,511	17,534	16,318	117,418.00	7.19	5.39	4.18	3.62	5,611.78	.34
Tillett	74,341	39,205	31,913	79,651.00	2.49	1.69	2.67	5.91	11,711.78	.36
Wigwam	1,478,972	111.125	97,069	148,795.39	1.54	1.16	1.13	.95	32,244.23	.33
TOTALS	24,991,409	531,702	498,762	$1,347,174.20	2.70	2.11	1.93	1.81	$171,844.09	$ .34

Table 5 - Record of Fish Planting (By County) - July 1, 1980 through June 30, 1981

County	Brook		Brown		Cutthroat		Mackinaw		Rainbow		Miscellaneous		Total	
	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.
Albany	25,746	591	74,850	998	3,520	64			831,541	29,943	10,200[a]	3.4		
											25,000[b]	2.5	970,857	31,602
Big Horn							273,998	239.3	48,333	30,122	954,960[c]	15	1,277,291	30,376
Campbell	2,142	39							15,556	2,931			17,698	2,970
Carbon	35,734	292	20,020	910	31,935	967			754,495	44,786	36,600[i]	305	878,784	47,260
Converse									9,129	1,110			9,129	1,110
Crook	3,776	65							20,781	5,696	400[l]	300		
											2,800[k]	5.6	27,757	6,066
Fremont	15,450	155	55,986	3,355	72,339	1,441			165,570	40,771	14,040[a]	2.7		
											24,565[d]	289	347,950	46,013
Goshen									2,120	1,000			2,120	1,000
Hot Springs					8,372	1,179			61,020	5,173			69,392	6,352
Johnson	1,813	32	7,415	251	15,591	501			200,652	15,328	313[j]	3	225,784	16,114
Laramie									77,214	22,044			77,214	22,044
Lincoln			99,600	2,950	473,685	52,682	74,216	981	380,267	9,165			1,027,768	65,778
Natrona					1,483,678	18,481			1,199,114	25,793	36,600[l]	305	2,719,392	44,579
Niobrara	8,120	14							3,504	850	9,694[f]	2.8	21,318	867
Park					166,598	17,884			6,356	12,075	1,040[a]	.2	173,994	29,959
Platte			10,010	770					1,237,493	57,177	50,000[f]	75		
											75,000[e]	1		
											8,072,164[c]	182.5		
											311[h]	50		
											150,150[g]	330		
											225[i]	225	9,595,353	58,811
Sheridan	1,827	110	8,849	365	8,110	319			32,660	17,043	350[d]	4		
											377[f]	.3	52,173	17,841
Sublette	53,682	512	131,309	2,173	91,756	7,369	16,830	2,843	1,660,364	40,094	26,250[b]	3.5		
											2,500[f]	20	1,982,691	53,015
Sweetwater			736,226	29,357	30,045	495			856,826	23,093			1,623,097	52,944
Teton	13,400	210			619,646	6,012			2,003	1,054	2,080[a]	.4	637,129	7,276
Uinta	3,415	211	175,116	2,901	2,000	63			31,376	6,273			279,882	7,447
Washakie									8,371	13,686	38[f]	10	8,409	13,696
Weston	3,619	249							15,690	5,493	1,251[f]	.8		
											125[e]	8		
											10[i]	7		
											2,500[k]	5	23,195	5,763
Idaho					5,005	91							5,005	91
TOTALS	168,724	2,480	1,319,381	44,028	3,012,280	107,547	365,044	4,063	7,710,435	410,697	9,499,543	2,156.7	22,075,407	570,973

[a]Golden [b]Grayling [c]Walleye [d]Splake [e]Smallmouth Bass [f]Largemouth Bass [g]Channel Catfish [h]Yellow Perch [i]Gizzard Shad [j]Golden Shiner [k]Finescale Dace [l]Emerald Shiner

Table 6 - Record of Fish Planting (By Source) - July 1, 1980 through June 30, 1981

Station	Brook		Brown		Cutthroat		Mackinaw		Rainbow		Miscellaneous		Total	
	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.	No.	Lbs.
Auburn					647,433	292,61	34,890	3,015					682,323	32,276
Boulder			188,100	3,420					939,038	25,795			1,127,138	29,215
Clark's Fork			469,668	16,720	854,213	11,722			1,020,118	61,122			2,343,999	89,564
Como Bluff	55,482	782.2			9,955	181			458,957	23,672	10,200[a]	3.4		
											25,000[b]	2.5	559,594	24,641
Daniel	68,995	959	62,425	354	324	7			462,890	17,074	26,250[b]	3.5	620,884	18,397
Dubois	22,950	230			527,141	1,319			149,376	18,506	17,160[a]	3.3	716,627	20,058
Speas			564,148	17,871	10,170	131			2,574,811	79,146	6,987,124[c]	177.5	10,136,253	97,326
Story	21,297	509	16,264	615	23,501	770			557,977	41,690	24,915[d]	293	643,954	43,876
Tensleep					194,019	2,317			375,657	10,938			569,676	13,255
Tillett			18,776	5,049	33,420	17,127			22,145	17,029			74,341	39,205
Wigwam					282,878	5,938			1,109,694	103,987			1,392,572	109,925
Spearfish,S.D.									39,772	11,739			39,772	11,739
Jackson					428,524	38,423	330,154	1,048					758,678	39,472
Colorado											2,040,000[c]	20	2,040,000	20
Arkansas											75,000[e]	1	75,000	1
Gavins Pt., S.D.											52,500[f]	95		
											150,150[g]	330	202,650	425
Transplant					702	351					11,360[f]	13.9		
											125[e]	8		
											311[h]	50		
											635[i]	532		
											313[j]	3		
											5,300[k]	10.6		
											73,200[l]	610	91,946	1,579
TOTALS	168,724	2,480	1,319,381	44,028	3,012,280	107,547	365,044	4,063	7,710,435	410,697	9,499,543	2,156.7	22,075,407	570,973

[a]Colden [b]Grayling [c]Walleye [d]Splake [e]Smallmouth Bass [f]Largemouth Bass [g]Channel Catfish [h]Yellow Perch [i]Gizzard Shad [j]Golden Shiner [k]Finescale Dace [l]Emerald Shiner

APPENDIX V - PUBLIC ATTITUDES

RESULTS OF THE 1981 WYOMING RESIDENT ATTITUDE SURVEY

1981 WYOMING WILDLIFE QUESTIONNAIRE

SAMPLE SIZE = 1,935

(PERCENT OF RESPONDENTS)

	Strongly Agree	Agree	Neutral or Undecided	Disagree	Strongly Disagree
It is a privilege to hunt and fish on private land, not an inherent right.....	67.3	28.1	1.8	1.7	1.2
From what I can see, the Game and Fish Department expends license monies efficiently...	17.5	60.9	15.3	5.5	0.8
Public access on and across private lands is increasing.....	5.1	22.1	24.5	33.4	15.0
In general, wildlife populations have been declining in Wyoming over the past few years....	15.5	29.5	16.4	31.8	6.8
I feel adequately informed on issues and activities affecting wildlife resources in Wyoming.....	7.9	49.8	19.1	20.0	3.2
All Game and Fish wardens perform their duties in a highly professional manner.....	11.0	45.5	23.4	16.8	3.4
I fish reservoirs and lakes more than I used to.	7.0	32.1	18.7	34.5	7.7
In the past few years, there has been less opportunity to get away from people while hunting or fishing.....	54.1	36.0	3.5	5.3	1.2
Persons who have never received a moose, sheep, or goat license should be favored in the drawings over those persons who have had a license in the past.....	36.3	33.6	8.1	13.4	8.6
It is becoming easier to locate public lands....	4.3	33.2	22.5	29.8	10.2
The only type of fishing in which I am interested is trout fishin g.....	9.6	23.9	11.3	40.7	14.4
Just the knowledge that wildlife thrives in Wyoming gives me great satisfaction.....	56.5	37.3	3.1	2.5	0.7
Wildlife plays an important role in the enjoyment of my outdoor recreational activities.....	74.0	24.8	0.5	0.5	0.2
Almost all sportsmen comply with the Game and Fish regulations in Wyoming.....	3.5	37.5	15.6	30.8	12.6

	Strongly Agree	Agree	Neutral or Undecided	Disagree	Strongly Disagree
Most violators of Game and Fish laws are apprehended	0.8	4.1	10.3	51.4	33.4
Stream alteration has diminished the quality and quantity of sport fishing opportunity in Wyoming	22.3	38.6	27.3	10.0	1.8
Many bighorn sheep herds have reached the maximum size which can be supported by their habitat	3.6	19.2	58.2	15.7	3.3
Reduction in big game winter range is seriously threatening many big game herds in Wyoming	28.3	44.4	19.4	6.8	1.0
New reservoir projects increase management costs destroy valuable stream habitat and increase problems with rough fish	16.3	41.3	27.0	12.7	2.7
Stocking catchable trout is not a very expensive activity	3.0	4.9	15.2	49.4	27.5
More restrictive seasons and regulations are required to cope with the increasing demands for fishing and hunting	16.5	43.8	17.2	18.1	4.5
Predators cause significant losses to some big game herds	9.1	73.9	17.3	39.4	10.3
Roads, fences and other man-made structures impede deer and antelope movements	31.5	48.2	5.6	11.9	2.8
Big game hunting is necessary for the maintenance of healthy herds	53.5	41.0	2.9	1.9	0.7
Grizzly bears should not be hunted under any circumstances	12.7	11.6	19.8	38.1	17.9
Lack of minimum stream flows and reservoir water levels have hurt many of our sport fisheries	33.4	44.3	12.0	4.0	1.3
Hunters should be allowed only one moose, sheep, and goat licenses in their lifetime	7.1	8.1	15.0	43.0	26.8
Increased outdoor recreational activities (snowmobiling, rafting, backpacking, etc.) are conflicting with the needs of wildlife	21.2	41.2	14.6	19.8	3.3
Wildlife causes significant economic loss to ranchers and farmers in Wyoming	3.7	23.0	21.1	39.0	13.2
Wild horses compete with many forms of wildlife	23.0	44.3	15.9	14.0	2.8

	Strongly Agree	Agree	Neutral or Undecided	Disagree	Strongly Disagree
Hunters should be allowed to harvest only one moose, sheep and goat in their lifetime.....	10.5	13.6	14.2	38.5	23.2
Changes in land use are reducing the amount of wildlife which can be supported in Wyoming.....	32.0	51.6	9.0	6.3	1.0
Drawings should be used to limit fishing pressure on highly productive waters or trophy fisheries.....	5.4	12.6	29.1	36.6	11.3
Game and Fish should restrict some waters to catch and release fishing.....	14.4	40.1	21.1	18.6	5.9
Roadless (wilderness) areas are important to the maintenance of many wildlife populations.....	42.1	39.8	5.6	9.4	3.0
Hunters, fishermen and other outdoor recreationists cause substantial damage to private land, livestock, fences and buildings.....	15.5	37.8	15.4	23.9	7.4
Game and Fish should restrict some waters to fly and lure fishing only.....	18.3	42.4	19.6	14.6	5.1
Special fees should be charged to limit fishing pressure on highly productive waters or trophy fisheries.....	7.7	73.3	22.2	33.3	13.5
Land uses destructive of wildlife habitat should carry the cost of replacing this habitat as a part of the project.....	56.7	32.8	7.6	2.2	0.8

PROGRAM-PROBLEM RANKINGS

A. The Game and Fish Department divides the management of wildlife into programs for administrative purposes. We are interested in how you feel these programs should be ranked for funding and management priority. Please rank the following 21 programs in terms of their importance to the state from your perspective (mean response):

2.864 elk
4.218 mule deer
5.949 moose
6.087 antelope
6.284 Bighorn sheep
8.616 sport fish
7.736 white-tailed deer
10.280 grizzly bear
10.442 Rocky mountain goat
11.033 black bear
11.117 pheasant
11.884 geese
12.226 ducks
12.687 turkey
12.778 grouse
12.878 mountain lion
14.351 furbearers
15.134 raptors (owls, hawks, eagles)
15.140 small game mammals
15.142 partridge
16.356 nongame (non-harv. animal species)

	Yes	No
I would fish waters that were restricted to fishing with artificial flies and lures only.....	75.9	24.1
I would fish waters where regulations required the return of all fish caught.....	45.7	54.3

The Wyoming Game and Fish Department is charged with managing all wildlife species in Wyoming. However, increasing development of the state with the associated increase in human population has caused an expansion of Department responsibilities, while inflation has continued to erode Department income. License fees alone cannot support expanded Department operations. Which alternative would you favor most to help solve the problem:

	Response (Percent)
1. Additional funding from other taxes (tax on marine fuel or tax on cigarettes, etc.)	8.2
2. Additional funding from a portion of mineral severance taxes	67.8
3. No additional funding-decrease Department operations and responsibilities	2.5
4. Additional funding from a portion of state sales taxes	6.1
5. Additional funding from the state general fund	15.4

The Game and Fish Department supports the establishment of a permanent trust fund with money from an alternative funding source. The interest from such a trust fund would be used to supplement Department income. Would you favor the apportionment of this money by:

	Response (Percent)
1. Wyoming State Legislature	25.4
2. Wyoming Game and Fish Commission	74.6

Do you consider yourself a(n) -

Percentage		Percentage	
91.6	hunter	34.0	Wyoming history "buff"
88.2	fisherman	31.1	backpacker
51.7	environmentalist	24.6	gun collector
44.1	photographer	21.0	rancher or farmer
37.2	city dweller	1.0	anti-hunter

Average Response	
44.4	How old are you?
27.6	How many years have you been a Wyoming resident?
3.6	How many people, other than yourself, will generally read your copy of Wyoming Wildlife magazine?

Number of questionnaires from counties (postmark):

County	No. Respondents	County	No. Respondents
Natrona	253	Converse	41
Laramie	196	Niobrara	20
Sheridan	124	Hot Springs	26
Sweetwater	145	Johnson	41
Albany	109	Campbell	19
Carbon	108	Crook	39
Goshen	34	Uinta	35
Platte	58	Washakie	49
Big Horn	49	Weston	22
Fremont	212	Teton	32
Park	117	Sublette	46
Lincoln	46	Unknown	114

APPENDIX VI - FISCAL SUMMARY

Table 1 - Fund Balance Summary

GAME AND FISH OPERATING FUND
FUND 08 ACCOUNT 001-006

PERIOD: JULY 1, 1980 THRU JUNE 30, 1981

BALANCE ON HAND JUNE 30, 1980	$ 3,414,555.77
Receipts (See Table 2)	16,433,445.46
	19,848,001.23
Expenditure (See Table 3)	-15,010,810.61
BALANCE ON HAND JUNE 30, 1981	$ 4,837,190.62

RESERVE FOR REPLACEMENT OF CAPITAL IMPROVEMENT - FUND 08 ACCOUNT 007

Beginning Cash Balance June 30, 1980	$ 351,223.07
Receipts - F.Y. 81	76,058.74
Expenditures - F.Y. 81	-7,707.11
Ending Cash Balance June 30, 1981	$ 419,574.70

FISH HATCHERY LAND INCOME - FUND 08 ACCOUNT 008

Beginning Cash Balance June 30, 1980	$ 237,221.60
Receipts - F.Y. 81	42,056.27
Expenditures - F.Y. 81	.00
Ending Cash Balance June 30, 1981	$ 279,277.87

APPLICATION FEE NONRESIDENT BIG GAME LICENSES - FUND 08 ACCOUNT 011

Beginning Cash Balance June 30, 1980	$ 252,882.03
Receipts - F.Y. 81	416,145.39
Expenditures - F.Y. 81	-128,588.68
Ending Cash Balance June 30, 1981	$ 540,438.74

BASIN ELECTRIC MITIGATION FUND - FUND 08 ACCOUNT 012

Beginning Cash Balance June 30, 1980	$ .00
Receipts - F.Y. 81	366,056.92
Expenditures - F.Y. 81	-199,412.96
Ending Cash Balance June 30, 1981	$ 166,643.96

TRUST AND AGENCY - HUNTING AND FISHING LICENSE APPLICATIONS
FUND 04 ACCOUNT 009

Beginning Cash Balance June 30, 1980	$ 4,968,322.00
Receipts - F.Y. 81	13,986,682.00
	$18,955,004.00
Transferred to Fund 08 Accounts 001-006	-6,726,113.00
	12,228,891.00
Unsuccessful Draw (Refund Warrants)	-5,840,810.00
Ending Cash Balance June 30, 1981	$ 6,388,081.00

Table 1 - Fund Balance Summary (continued)

TRUST AND AGENCY - GIFTS AND DONATIONS - FUND 04 ACCOUNT 010

Beginning Cash Balance June 30, 1980	$	66,989.69
Receipts - F.Y. 81		7,951.99
Expenditures - F.Y. 81		.00
Ending Cash Balance June 30, 1981	$	74,941.68

Table 2 - Receipts

JULY 1, 1980 THRU JUNE 30, 1981

RECEIPTS:	
Hunting & Fishing Licenses	$12,691,187.85
Office Receipts	42,582.80
WYOMING WILDLIFE & Publications	206,257.93
Watercraft Certificates	84,985.00
Rent From Department Dwellings	65,252.50
Interest from State Treasurer	668,780.14
Interest from Investments	262,768.18
Refund - Prior Year	11,133.65
Refund - Current Year	33,424.45
100% Reimbursable Projects	254,931.91
Real Estate Sales	75,000.00
Returned Items (NSF Checks)	-1,622.14
GRANT-IN-AID:	
Pittman-Robertson Projects	1,020,603.05
Dingell-Johnson Projects	745,426.04
Commercial Fisheries - R & D	63,000.00
Cooperative - U.S.F.S.	47,235.62
Cooperative - Bur. of Reclamation	24,091.60
Grazing Leases - Fed. Aid Part	70,868.87
Share Cropping - Fed. Aid Part	64,463.01
Boating Safety	.00
	$16,430,370.46

Table 3 - Total Distribution of Expenditures

PERIOD: JULY 1, 1980 THRU JUNE 30, 1981

	ADMINISTRATION	FISCAL DIVISION	COMMUNICATIONS DIVISION	R & D DIVISION
Personal Services	$ 770,533.42	$ 524,163.98	$ 457,844.86	$1,190,738.18
Supportive Services	353,624.70	1,790,100.30	396,391.55	410,158.90
Restrictive Services	6,353.13	184,694.59	.00	.00
Grant-In-Aid Payments	.00	.00	250.00	.00
Capital Expenditures	.00	.00	.00	458,393.70
Non-Operating Expenditures	.00	441,168.00	213,193.11	.00
Special Services	87,687.40	.00	27,131.60	41,857.20
TOTAL	$1,218,198.65	$2,940,126.87	$1,094,811.12	$2,101,147.98

Table 3 - Total Distribution of Expenditures (continued)

PERIOD: JULY 1, 1980 THRU JUNE 30, 1981

	FISH DIVISION	GAME DIVISION	TOTAL	PERCENTAGE
Personal Services	$2,399,833.68	$3,340,623.18	$ 8,683,737.30	57.1
Supportive Services	656,712.96	1,154,093.14	4,761,081.55	31.3
Restrictive Services	.00	.00	191,047.72	1.3
Grant-In-Aid Payments	.00	50,000.00	50,250.00	.4
Capital Expenditures	16,026.47	20,000.00	494,420.17	3.1
Non-Operating Expenditures	.00	1,000.00	655,361.11	4.3
Special Services	69,096.10	150,793.91	376,566.21	2.5
TOTAL	$3,141,669.21	$4,716,510.23	$15,212,464.06	100.0

Four Year Summary by Fiscal Year Expenditure:

	78	79	80	81
Damage Claims	$ 23,958	$ 71,400	$110,174	$128,589
Landowner Coupons	$372,205	$343,015	$276,340	$445,512